Harmony® K, Ø 16-22 cam switches

Catalog

March 2015

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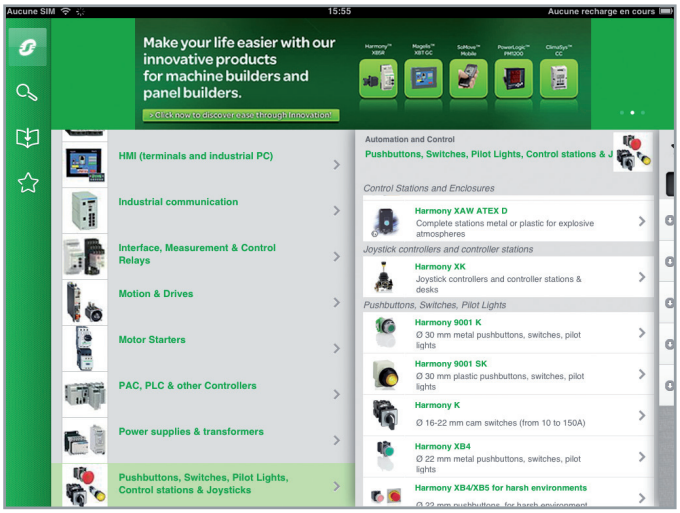

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Adaptable sub-assemblies, 12 and 20 A 4

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Cam Switches, type K

Selection guide, functions panaroma

Selection guide 1/2

■ **Functions panaroma** 1/4

1

Cam switches
Type K

Applications		**Used in building control panels and consoles, type K cam switches allow control of processes and utilities in industry and buildings and direct control for simple machines.**						
Functions								
	Off-On/On-Off switches	**1 to 4-pole**	**1 to 6-pole**	**1 to 6-pole**	**1 to 6-pole**			
	Stepping switches	**2 to 4-position, 1 and 2-pole**	**2 to 12-position, 1 to 4-pole**	**2 to 12-position, 1 to 4-pole**	**–**			
	Changeover switches	**1 to 4-pole**	**1 to 5-pole**	**1 to 5-pole**	**1 to 4-pole**			
	Measurement switches	**Voltmeter and ammeter**	**Voltmeter and ammeter**	**–**	**–**			
	Reversing switches	**–**	**2 and 3-pole**	**2 and 3-pole**	**2 and 3-pole**			
	Reversing star-delta switches	**–**	**–**	**Star-delta**	**Star-delta**			
	Pole change switches	**–**	**2 and 3-speed**	**2 and 3-speed**	**2-speed**			

Conventional rated thermal current (Ith) **Rated insulation voltage (Ui)**	**10 A** 440 V	**12 A** 690 V	**20 A** 690 V	**32 A** 690 V	**50 A** 690 V	**63 A** 690 V	**115 A** 690 V	**150 A** 690 V
Electrical operating characteristics	AC-15 - A300 240 V - 3 A	AC-3 - 3-phase 230 V - 1.1 kW - 4.6 A AC-15 230 V - 3 A	AC-3 - 3-phase 230 V - 2.2 kW - 8.3 A AC-15 230 V - 4 A	AC-3 - 3-phase 230 V - 5.5 kW AC-15 230 V - 14 A	AC-3 - 3-phase 230 V - 7.5 kW AC-15 230 V - 16 A	AC-3 - 3-phase 230 V - 11 kW –	AC-3 - 3-phase 230 V - 15 kW –	AC-3 - 3-phase 230 V - 22 kW –
Front plate degree of protection	IP 65	IP 40 IP 65 (with seal)	IP 40 IP 65 (with seal)	IP 40				
Product composition	Complete switches	Complete switches Adaptable sub-assemblies Special products (Consult our Customer Care Centre)	Complete switches Adaptable sub-assemblies Special products (Consult our Customer Care Centre)	Complete switches				
Compatibility	Ø 16 and Ø 22 control and signaling units	Ø 22 control and signaling units	Ø 22 control and signaling units	–				
Fixing **Front mounting**	Single Ø 16 or Ø 22 hole	Multi-fixing Single Ø 22 hole	Multi-fixing Single Ø 22 hole	By 4 holes on 48 mm /*1.89 in.* centres			By 4 holes on 68 mm/*2.68 in.* centres	
Rear mounting	–	Screw fixing, 4 holes on 36 mm/*1.42 in.* centres	Screw fixing, 4 holes on 36 mm/*1.42 in.* centres	Screw fixing, 4 holes on 48 mm/*1.89 in.* centres			Screw fixing, 4 holes on 68 mm/*2.68 in.* centres	
Front plate dimensions (mm)	30 x 30 mm/*1.18 x 1.18 in.*	45 x 45 mm/*1.77 x 1.77 in.* 60 x 60 mm/*2.36 x 2.36 in.* (adaptable sub-assemblies)	45 x 45 mm/1.77 x 1.77 in. 60 x 60 mm/*2.36 x 2.36 in.* (adaptable sub-assemblies)	64 x 64 mm/*2.52 x 2.52 in.*			88 x 88 mm/*3.46 x 3.46 in.*	
Operating heads	Black standard handle Metallic legend, black marking	Black and red standard and long handles Key operator Metallic head Metallic legend with black marking or black legend with white marking	Black and red standard and long handles Key operator Metallic head Metallic legend with black marking or black legend with white marking	Black standard handle Metallic legend, black marking				
Approvals	cULus EN/IEC 60947-3 EN/IEC 60947-5-1	UL-CSA EN/IEC 60947-3 EN/IEC 60947-5-1	UL-CSA EN/IEC 60947-3 EN/IEC 60947-5-1	cULus EN/IEC 60947-3				
Type	**Type K10**	**Type K1/K2**		**Type K30...K150**				
Cam switch model	**K10●**	**K1●**	**K2●**	**K30●**	**K50●**	**K63●**	**K115●**	**K150●**

Cam switches

Series K

Functions panorama

Functions		Complete switches 10 A	Complete switches 12 and 20 A	Complete switches 12 A, with key operated lock	Adaptable sub-assemblies 12 and 20 A	Complete switches 32 to 150 A
		See pages	See pages	See pages	See pages	See pages
Switches	with 60° switching angle	2/3	–	–	–	7/3
	with 45° switching angle	–	3/6	–	4/2	–
	with 90° switching angle	–	3/6	–	4/3	7/4
	ON-OFF with spring return from 30° to “0” position	–	3/7	–	4/4	–
	OFF-ON with spring return from 30° to “0” position	–	3/7	–	4/4	–
	OFF-ON with spring return from 120° to 90°	–	3/8	–	4/4	–
	OFF-ON with spring return from 30° and from 330° to “0” position	–	3/8	–	4/5	–
	OFF-ON with 45° switching angle	–	–	–	4/4	–
	OFF-ON with momentary-contact function	–	–	–	4/5	–
	paralleling with “0” position	–	–	–	4/12, 4/13	–
	OFF-ON changeover with spring return from 240° to 270° and from 120° to 90°	–	–	–	4/5	–
Stepping switches	single-pole with or without “0” position	2/3, 2/4	–	–	–	–
	2-pole with or without “0” position	2/4, 2/5	–	–	–	–
	2 to 5 step, single-pole, with or without “0” position	–	3/9, 3/10	–	–	–
	2 to 5 step, 2-pole, with or without “0” position	–	3/11, 3/12	–	–	–
	2 and 3 step, 3-pole, with or without “0” position	–	3/13, 3/14	–	–	–
	2 to 11 step, single-pole, with “0” position	–	–	–	4/14, 4/15	–
	2 to 12 step, single-pole, without “0” position	–		–	4/16, 4/17	–
	2 to 6 step, 2-pole, with or without “0” position	–	–	–	4/18, 4/19	–
	2 to 6 step, 3-pole, with or without “0” position	–	–	–	4/20, 4/21	–
	2 to 5 step, 4-pole, with or without “0” position	–	–	–	4/22, 4/23	–
	2 and 3 step, with “0” position + left-hand position	–	–	–	4/27	–
	3 step, without “0” position	–	–	5/2	–	–
	4 step, 4-pole, without “0” position	–	–	5/3	–	–
	2 step, with “0” position	–	–	5/4	–	–
	3 step, 2-pole, with “0” position	–	–	5/5	–	–
	5 step, 2-pole, with “0” position	–	–	5/5	–	–
Changeover switches	spring return to “0” position	2/5	–	–	–	–
	with or without “0” position	2/6	–	–	4/6, 4/7	7/5
	1 to 4-pole with “0” position	–	3/15	–	–	–
	1 to 4-pole without “0” position	–	3/15	–	–	–
	1-pole, 2-pole, 3-pole with “0” position		–	5/7	–	–
	star-delta and reversing star-delta	–	–	–	4/30, 4/31	–
	pole change	–	–	–	4/32	7/6
Voltmeter switches	with “0” position	2/7	3/18, 3/19	–	4/25, 4/26	–
	without “0” position	–	3/18, 3/19	–	4/25, 4/26	–
Ammeter switches	with “0” position	2/7	3/16, 3/17	–	4/24	–
	without “0” position	–	3/16, 3/17	–	4/24	–
Selector switches	BCD encoded output, with “0” position	–	–	–	4/9, 4/10	–
	BCD encoded output, without “0” position	–	–	–	4/10, 4/11	–
	multi-circuit	–	–	–	4/28	–
	star-delta and reversing star-delta	–	–	–	4/30	–
Reversing switches	with “0” position	–	–	–	4/8, 4/29	7/7
	with spring return from 330° and from 30° to “0” position	–	–	–	4/29	–
	with spring return from 315° and from 45° to “0” position	–	3/15	–	4/8	–
	with spring return from 240° to 270° and from 120° to 90°	–	–	–	4/8	–
	with momentary-contact function	–	–	–	4/8	–
Pole change switches	for 2-speed motors	–	–	–	4/31, 4/32	7/7
	for 3-speed motors	–	–	–	4/33	
Start selector switches	3-position with “0” position	–	–	5/6	–	–
	4-position with “0” position	–	–	5/7	–	–
Starting switches	star-delta and reversing star-delta	–	–	–	–	7/6
	pole change	–	–	–	–	7/7

2

Contents

Cam switches, type K

Complete switches, 10 A

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- Voltmeter and ammeter switches 2/7

2

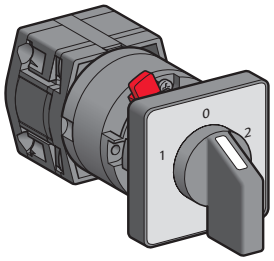
Cam switches
Complete switches, 10 A

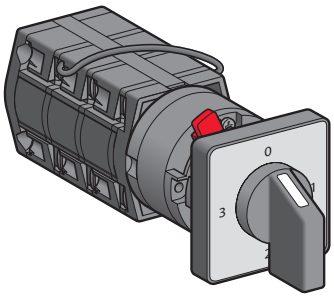
The range of K10 cam switches (10 A rating) comprises only complete switches. These products are more specifically designed for process control applications:
- compact size,
- easy to integrate with other Ø 16 mm/*0.63 in.* and Ø 22 mm/*0.87 in.* units,
- selection functions.

Complete switches

- **switches**
- **stepping switches**
- **changeover switches**
- **voltmeter switches**
- **ammeter switches**

Front mounting

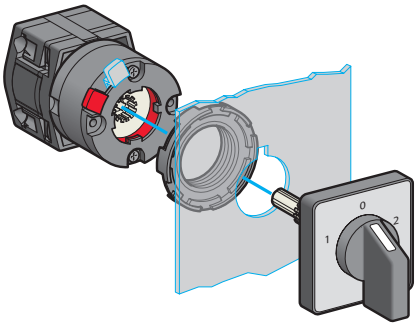




By Ø 16.3 mm/*0.64 in.* or Ø 22.3 mm/*0.88 in.* hole

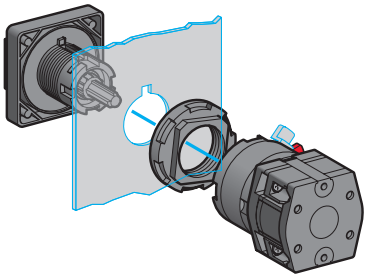
Mounting

Ø 16 or Ø 22 hole fixing

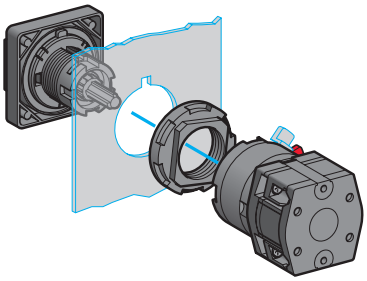


Locking/unlocking of the body-head assembly by spigot

Ø 16 hole fixing



Ø 22 hole fixing



References:
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Cam switches

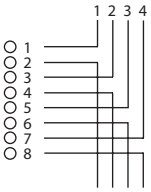
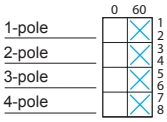
Complete switches, 10 A

Front mounting by Ø 16 or Ø 22 mm hole
With 30 x 30 mm front plate

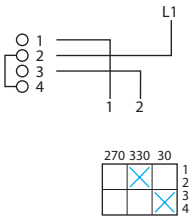
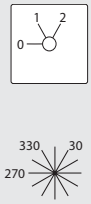
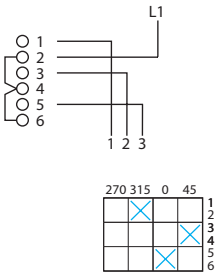
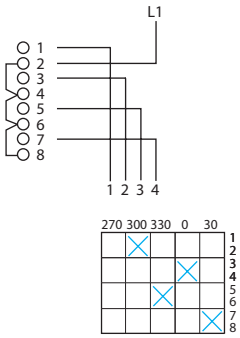
55257

K10B002ACH

Switches with 60° switching angle

Wiring diagram and switching programme	Marking and switch position	Number of poles	Reference	Weight kg/*lb*
 		1	**K10A001ACH**	0.030/*0.066*
		2	**K10B002ACH**	0.035/*0.077*
		3	**K10C003ACH**	0.045/*0.099*
		4	**K10D004ACH**	0.045/*0.099*

Stepping switches, single-pole, with “0” position

Wiring diagram and switching programme	Marking and switch position	Number of steps	Reference	Weight kg/*lb*
		2 + “0” position	**K10B002QCH**	0.035/*0.077*
		3 + “0” position	**K10C003QCH**	0.045/*0.099*
		4 + “0” position	**K10D004QCH**	0.045/*0.099*

550258

K10D004QCH

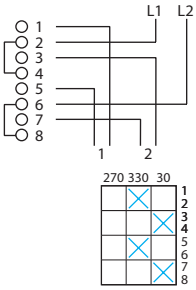
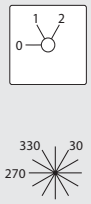
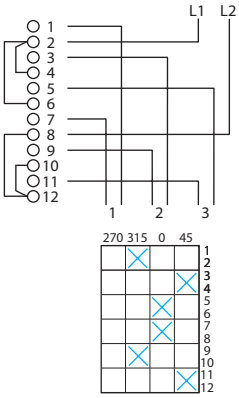
Cam switches

Complete switches, 10 A

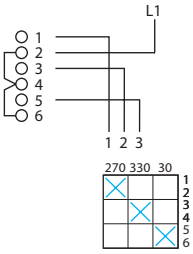
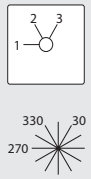
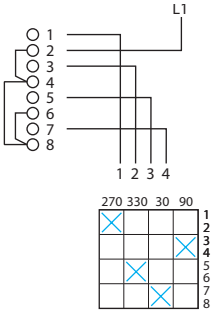
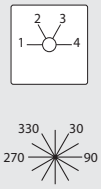
Front mounting by Ø 16 or Ø 22 mm hole
With 30 x 30 mm front plate

K10D012QCH

Stepping switches, 2-pole, with "0" position

Wiring diagram and switching programme	Marking and switch position	Number of steps	Reference	Weight kg/*lb*
		2 + "0" position	**K10D012QCH**	0.045/*0.099*
		3 + "0" position	**K10F013QCH**	0.055/*0.121*

Stepping switches, single-pole, without "0" position

		3	**K10C003NCH**	0.045/*0.099*
		4	**K10D004NCH**	0.045/*0.099*

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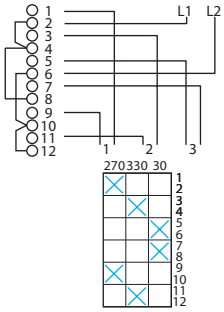
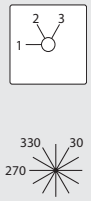
Cam switches

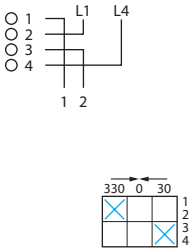
Complete switches, 10 A

Front mounting by Ø 16 or Ø 22 mm hole
With 30 x 30 mm front plate

Stepping switch, 2-pole, without “0” position

Wiring diagram and switching programme	Marking and switch position	Number of steps	Reference	Weight kg/*lb*
		3	**K10F013NCH**	0.055/*0.121*

Changeover switch with spring return to “0” position

Wiring diagram and switching programme	Marking and switch position	Number of poles	Reference	Weight kg/*lb*
		1	**K10B006TCH**	0.035/*0.077*

550260

K10B006TCH

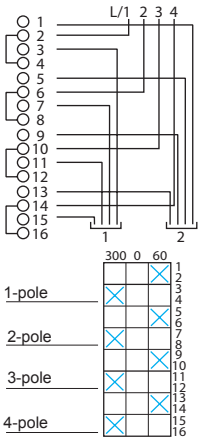
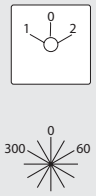
Cam switches

Complete switches, 10 A

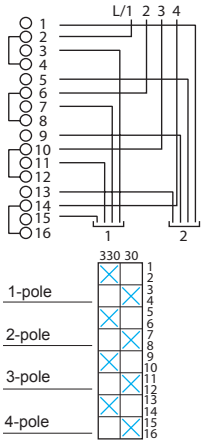
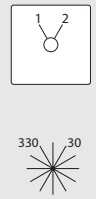
Front mounting by Ø 16 or Ø 22 mm hole
With 30 x 30 mm front plate

K10F003UCH

Changeover switches with "0" position

Wiring diagram and switching programme	Marking and switch position	Number of poles	Reference	Weight kg/*lb*
		1	**K10B001UCH**	0.035/*0.077*
		2	**K10D002UCH**	0.045/*0.099*
		3	**K10F003UCH**	0.055/*0.121*
		4	**K10H004UCH**	0.065/*0.143*

Changeover switches without "0" position

		1	**K10B011UCH**	0.035/*0.077*
		2	**K10D012UCH**	0.045/*0.099*
		3	**K10F013UCH**	0.055/*0.121*
		4	**K10H014UCH**	0.065/*0.143*

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Cam switches

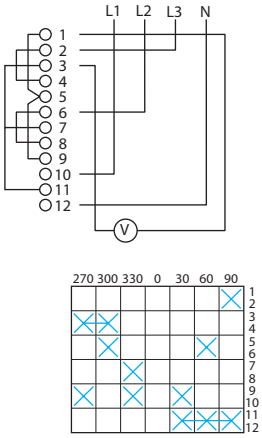
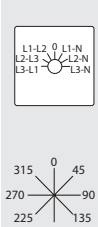
Complete switches, 10 A

Front mounting by Ø 16 or Ø 22 mm hole
With 30 x 30 mm front plate

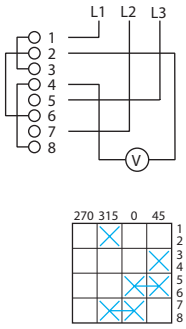
K10F027MCH

Voltmeter switches

For measurements between 3 phases and between 1 phase and neutral

Wiring diagram and switching programme	Marking and switch position	Reference	Weight kg/*lb*
		**K10F027MCH**	0.055/*0.121*

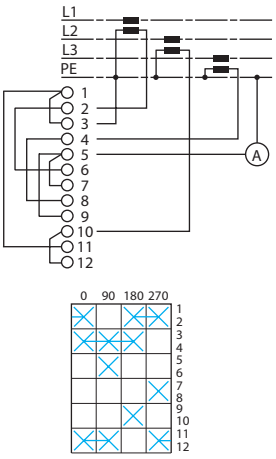
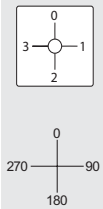
For measurements between 3 phases, with "0" position

		**K10D024MCH**	0.045/*0.099*

Ammeter switches

For 3 circuits, with "0" position

K10F003MCH

		**K10F003MCH**	0.055/*0.121*

Contents

Cam switches, type K

Complete switches, 12 and 20 A

■ **General**

□ Complete switches and adaptable sub-assemblies, 12 and 20 A *3/2*

■ **Front mounting "multi-fixing" or by Ø 22 mm hole, with 45 x 45 mm front plate**

□ Switches *3/6*

□ Stepping switches *3/9*

□ Reversing and changeover switches *3/15*

□ Ammeter switches *3/16*

□ Voltmeter switches *3/18*

3

Cam switches

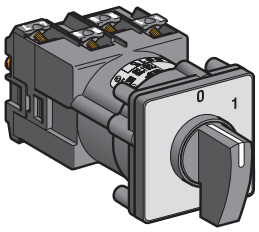
Complete switches and adaptable sub-assemblies, 12 and 20 A

The cam switch range comprises the equally dimensioned and similar looking products of the K1 (12 A rating) series and K2 (20 A rating) series.
Both series feature complete switches and adaptable sub-assemblies for user assembly.

Complete switches

Front mounting

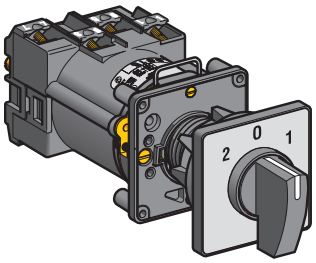
- switches
- stepping switches (2 to 5 step)
- reversing and 1 to 4-pole changeover switches
- ammeter and voltmeter switches



"Multi-fixing"

K1●●●●●●H, K2●●●●●●H

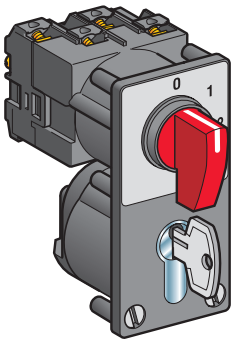
See pages to 3/6 to 3/13



By Ø 22 mm/*0.87 in.* hole

K1●●●●●●H, K2●●●●●●H

See pages 3/6 to 3/13



Front mounting by 6 screws Ø 5.2 mm/*0.20 in.* and 55 x 100 mm/*2.16 x 3.94 in.* front plate

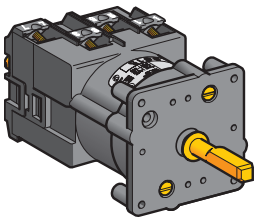
K1●●●●●Z●

See pages 5/2 to 5/7

Switches for user assembly

Front mounting

Body sub-assembly



"Multi-fixing"

K1●●●●●●L, K2●●●●●●LL

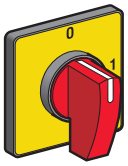
See pages 4/2 to 4/33

Head sub-assembly
- **With 45 x 45 mm/*1.77 x 1.77 in.* front plate and 35 mm/*1.38 in.* handle**

With blank legend

K●G3H

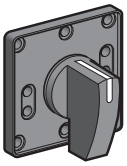
See page 4/34



With marked legend

KCG3H

See page 4/34



Without legend

KDG3H

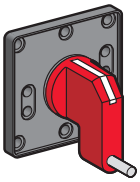
See page 4/34

Head sub-assembly
- **With 45 x 45 mm/*1.77 x 1.77 in.* front plate, 35 mm/*1.38 in.* handle and padlocking device**

With marked legend

KCG3Y

See page 4/34



Without legend

KDG3Y

See page 4/34

References:
page 3/6

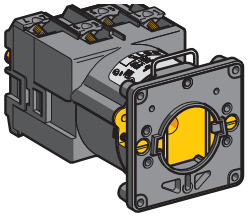
Cam switches

Complete switches and adaptable sub-assemblies, 12 and 20 A

Switches for user assembly (continued)

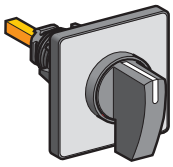
Front mounting (continued)

Body sub-assembly

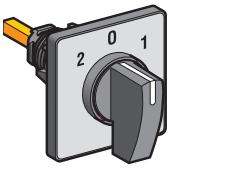


With Ø 22 mm/*0.87 in.* hole
K1●●●●●●, K2●●●●●●L
See pages 4/2 to 4/33

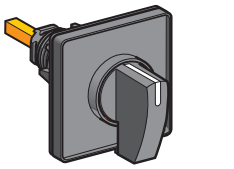
Head sub-assembly
■ **With 45 x 45 mm/ *1.77 x 1.77 in.* front plate and 35 mm/*1.38 in.* handle**



With blank legend
K●C1H
See page 4/34

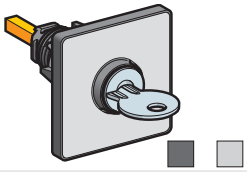


With marked legend *(1)*
K●C1●●
See page 4/34

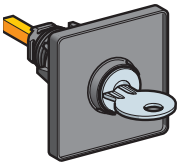


Without legend
KDC1●●
See page 4/34

Head sub-assembly
■ **With 45 x 45 mm/*1.77 x 1.77 in.* front plate and key operator**

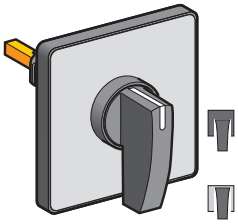


With blank legend
K●C1●
See page 4/34

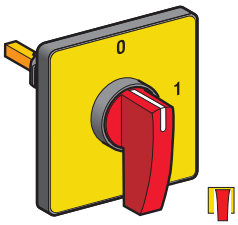


Without legend
KDC1●
See page 4/34

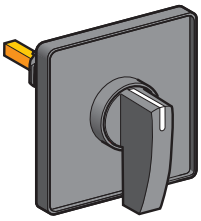
Head sub-assembly
■ **With 60 x 60 mm/*2.36 x 2.36 in.* front plate and 42 mm/*1.65 in* handle**



With blank legend
K●D1H
See page 4/34

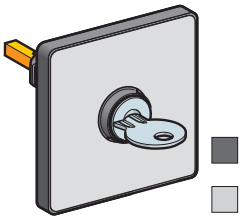


With marked legend
KCD1MH
See page 4/34

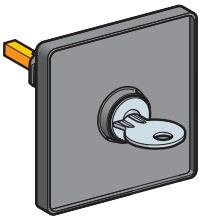


Without legend
KDD1H
See page 4/34

Head sub-assembly
■ **With 60 x 60 mm/*2.36 x 2.36 in.* front plate and key operator**

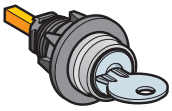


With blank legend
K●D1●
See page 4/35

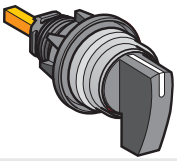


Without legend
KDD1●
See page 4/35

Head sub-assembly
■ **Circular with plastic bezel**



Key operator
K●A1●
See page 4/35



35 mm/*1.38 in.* handle
K●A1H
See page 4/35

(1) With or without padlocking device.

References:
page 3/6

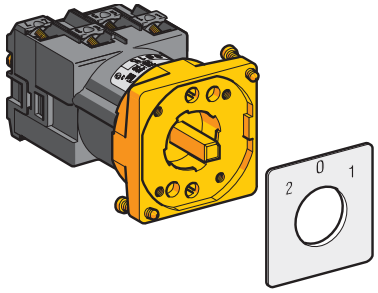
Cam switches

Complete switches and adaptable sub-assemblies, 12 and 20 A

Switches for user assembly (continued)

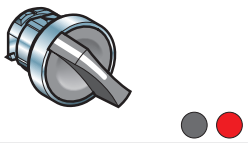
Front mounting (continued)

Body sub-assembly

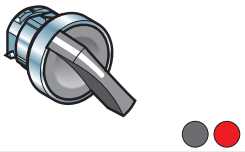


With Ø 22 mm/*0.87 in.* hole and metal mounting plate
K1●●●●●K, K2●●●●●X
See pages 4/2 to 4/33

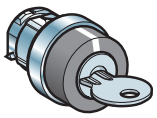
Head sub-assembly
■ **Circular with metal bezel**



Standard handle
KAXZ1M1●
See page 4/35



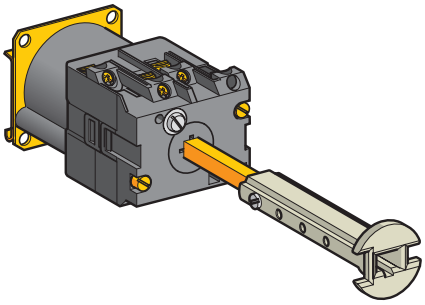
Long handle
KAXZ1C1●
See page 4/35



Key operator
KAXZ1S1●●
See page 4/35

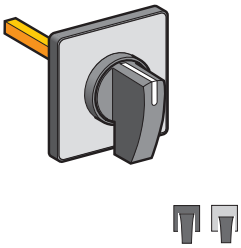
Rear mounting

Body sub-assembly

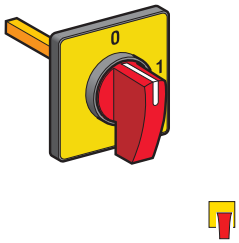


With 4 holes
K1●●●●●, K2●●●●●
See pages 4/2 to 4/33

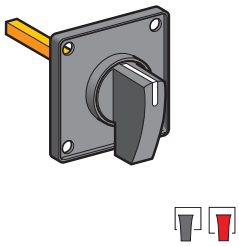
Head sub-assembly
■ **With 45 x 45 mm/*1.77 x 1.77 in.* front plate and 35 mm/*1.38 in.* handle**



With blank legend
K●E1H
See page 4/35

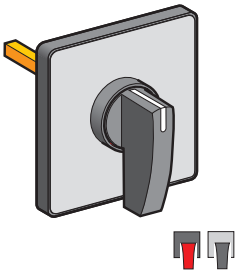


With marked legend *(1)*
KCE1●
See page 4/35

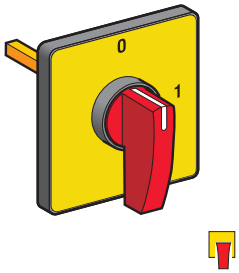


Without legend
KDE1●
See page 4/35

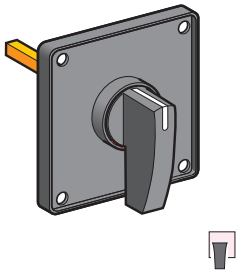
Head sub-assembly
■ **With 60 x 60 mm/*2.36 x 2.36 in.* front plate and 42 mm/*1.65 in* handle**



With blank legend
K●F1H
See page 4/35



With marked legend
KCF1MH
See page 4/35



Without legend
KDF1H
See page 4/35

(1) With or without padlocking device.

Accessories

Various accessories complement the K1 - K2 cam switch range: legends, legend holders, terminal covers, seals, etc. See pages 4/36 to 4/41.

Switches with specific schemes

If you cannot find a standard switching programme listed in this catalogue to suit your application, please consult our Customer Care Centre.

References:
page 3/6

Cam switches

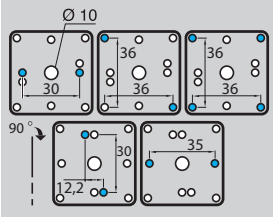
Complete switches and adaptable sub-assemblies, 12 and 20 A

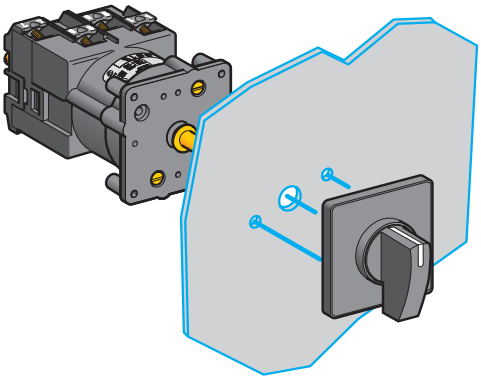
The cam switches are available to suit various mounting and fixing methods.

Fixing

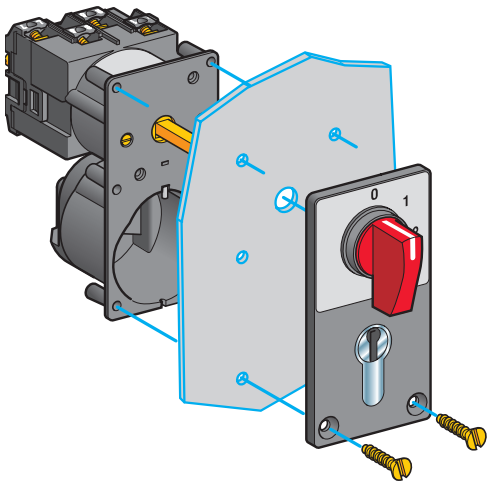
Front mounting

By means of "multi-fixing" front plate, using 2 or 4 screws



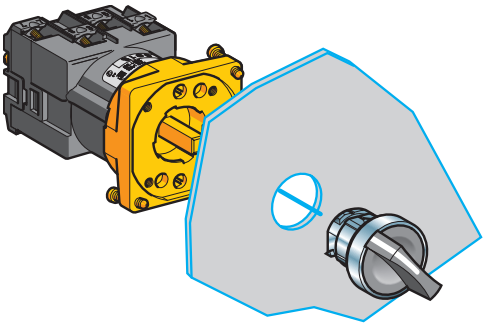


The "multi-fixing" concept enables the switch to be panel mounted using the most commonly used fixing centre dimensions. See drawing to left.

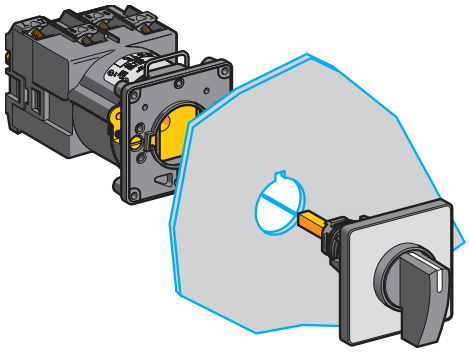


Fixing by 6 screws Ø 5.2 mm and 55 x 100 mm front plate.

By means of single Ø 22 mm/*0.87 in.* hole



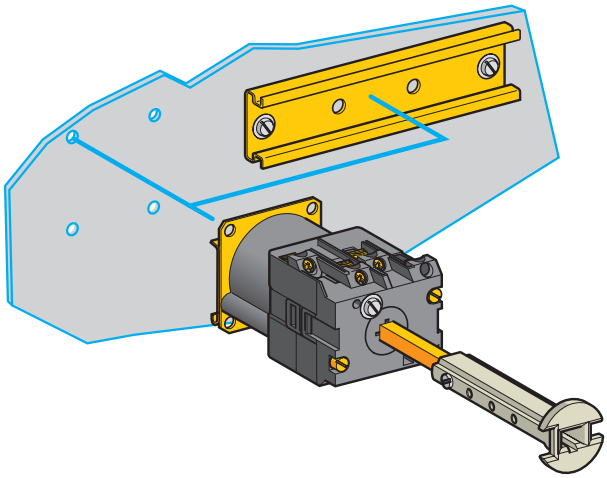
Ø 22.5 mm cut-out.
Head attaches to plate using 1/4 turn bayonet locking and secured on panel by 2 needle screws.



Ø 22.5 mm cut-out with anti-rotation notch.
Head clips into body and secured on panel by fixing nut.

Rear mounting

By means of 4 holes



Switch can be directly mounted on backplate using 4 screws.
For DIN rail mounting, an adaptor is available as an accessory. See page 4/41.

References:
page 3/6

Cam switches

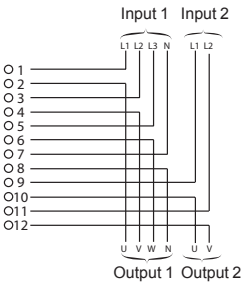
Complete switches, 12 and 20 A

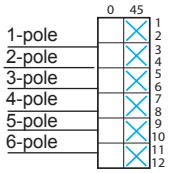
Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

K●●●●●●LH

K●●●●●●CH

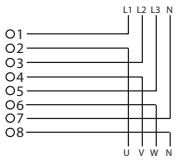
Switches with 45° switching angle

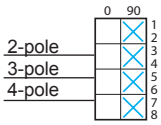




Wiring diagram and switching programme	Marking and switch position	Front mounting method	Number of poles	Thermal current (Ith)	Reference	Weight
				A		kg/*lb*
		“Multi-fixing”	1	12	**K1A001ALH**	0.103/*0.227*
				20	**K2A001ALH**	0.103/*0.227*
			2	12	**K1B002ALH**	0.113/*0.249*
				20	**K2B002ALH**	0.113/*0.249*
			3	12	**K1C003ALH**	0.133/*0.293*
				20	**K2C003ALH**	0.133/*0.293*
			4	12	**K1D004ALH**	0.138/*0.304*
				20	**K2D004ALH**	0.138/*0.304*
			5	12	**K1E005ALH**	0.158/*0.348*
				20	**K2E005ALH**	0.158/*0.348*
			6	12	**K1F006ALH**	0.168/*0.370*
				20	**K2F006ALH**	0.168/*0.370*
		By Ø 22 mm/ *0.87 in.* hole	1	12	**K1A001ACH**	0.123/*0.271*
				20	**K2A001ACH**	0.123/*0.271*
			2	12	**K1B002ACH**	0.133/*0.293*
				20	**K2B002ACH**	0.133/*0.293*
			3	12	**K1C003ACH**	0.153/*0.337*
				20	**K2C003ACH**	0.153/*0.337*
			4	12	**K1D004ACH**	0.158/*0.348*
				20	**K2D004ACH**	0.158/*0.348*
			5	12	**K1E005ACH**	0.178/*0.392*
				20	**K2E005ACH**	0.178/*0.392*
			6	12	**K1F006ACH**	0.188/*0.414*
				20	**K2F006ACH**	0.188/*0.414*

Switches with 90° switching angle





Wiring diagram and switching programme	Marking and switch position	Front mounting method	Number of poles	Thermal current (Ith)	Reference	Weight
		“Multi-fixing”	2	12	**K1B1002HLH**	0.130/*0.287*
				20	**K2B1002HLH**	0.130/*0.287*
			3	12	**K1C003HLH**	0.135/*0.298*
				20	**K2C003HLH**	0.135/*0.298*
			4	12	**K1D004HLH**	0.140/*0.309*
				20	**K2D004HLH**	0.140/*0.309*
		By Ø 22 mm/ *0.87 in.* hole	2	12	**K1B1002HCH**	0.150/*0.331*
				20	**K2B1002HCH**	0.150/*0.331*
			3	12	**K1C003HCH**	0.155/*0.342*
				20	**K2C003HCH**	0.155/*0.342*
			4	12	**K1D004HCH**	0.160/*0.353*
				20	**K2D004HCH**	0.160/*0.353*

General:
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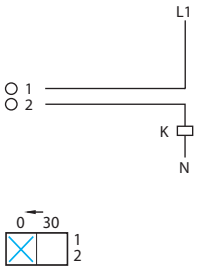
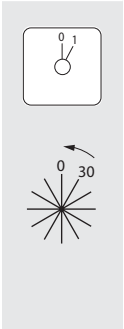
Cam switches

Complete switches, 12 and 20 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

K●●●●●●LH

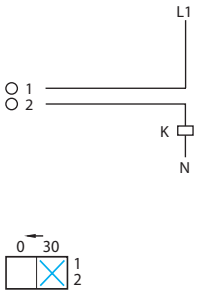


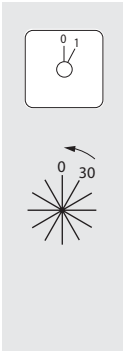


ON-OFF switches with spring return from 30° to “0” position

Wiring diagram and switching programme	Marking and switch position	Front mounting method	Number of poles	Thermal current (Ith)	Reference	Weight
				A		kg/*lb*
		“Multi-fixing”	1	12	**K1A002TLH**	0.105/*0.231*
				20	**K2A002TLH**	0.105/*0.231*
		By Ø 22 mm/ *0.87 in.* hole	1	12	**K1A002TCH**	0.125/*0.275*
				20	**K2A002TCH**	0.125/*0.275*

K●●●●●●CH





OFF-ON switches with spring return from 30° to “0” position

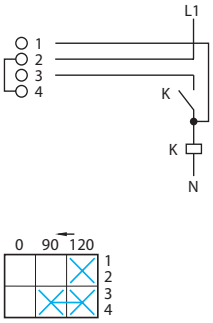
		“Multi-fixing”	1	12	**K1A001TLH**	0.105/*0.231*
				20	**K2A001TLH**	0.105/*0.231*
		By Ø 22 mm/ *0.87 in.* hole	1	12	**K1A001TCH**	0.125/*0.275*
				20	**K2A001TCH**	0.125/*0.275*

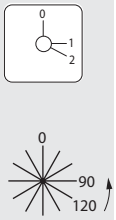
Cam switches

Complete switches, 12 and 20 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

K●●●●●●LH

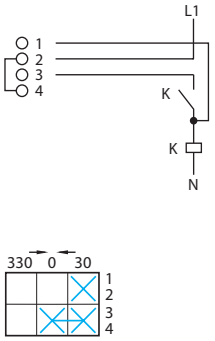


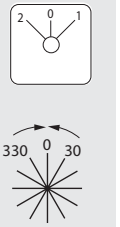


OFF-ON switches with spring return from 120° to 90°

Wiring diagram and switching programme	Marking and switch position	Front mounting method	Number of poles	Thermal current (Ith)	Reference	Weight
				A		kg/*lb*
		“Multi-fixing”	1	12	**K1B003TLH**	0.115/*0.253*
				20	**K2B003TLH**	0.115/*0.253*
		By Ø 22 mm/ *0.87 in.* hole	1	12	**K1B003TCH**	0.135/*0.298*
				20	**K2B003TCH**	0.135/*0.298*

K●●●●●●CH





OFF-ON switches with spring return from 30° and from 330° to “0” position

		“Multi-fixing”	1	12	**K1B004TLH**	0.115/*0.253*
				20	**K2B004TLH**	0.115/*0.253*
		By Ø 22 mm/ *0.87 in.* hole	1	12	**K1B004TCH**	0.135/*0.298*
				20	**K2B004TCH**	0.135/*0.298*

General:
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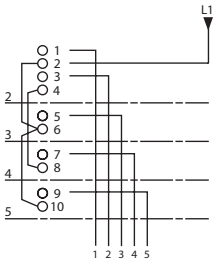
Cam switches

Complete switches, 12 and 20 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

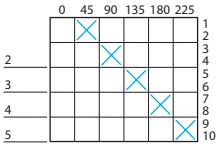
Stepping switches (2 to 5 step), single-pole, with “0” position

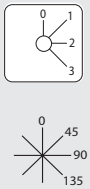
K●●●●●●LH



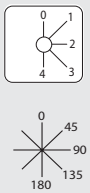
Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
			2 step +“0”		
		“Multi-fixing”	12	**K1B002QLH**	0.115/*0.253*
			20	**K2B002QLH**	0.115/*0.253*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1B002QCH**	0.135/*0.298*
			20	**K2B002QCH**	0.135/*0.298*

K●●●●●●CH

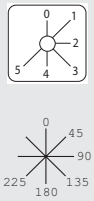




Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			3 step +“0”		
		“Multi-fixing”	12	**K1C003QLH**	0.135/*0.298*
			20	**K2C003QLH**	0.135/*0.298*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1C003QCH**	0.155/*0.342*
			20	**K2C003QCH**	0.155/*0.342*



Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			4 step +“0”		
		“Multi-fixing”	12	**K1D004QLH**	0.140/*0.309*
			20	**K2D004QLH**	0.140/*0.309*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1D004QCH**	0.160/*0.353*
			20	**K2D004QCH**	0.160/*0.353*



Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			5 step +“0”		
		“Multi-fixing”	12	**K1E005QLH**	0.160/*0.353*
			20	**K2E005QLH**	0.160/*0.353*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1E005QCH**	0.180/*0.397*
			20	**K2E005QCH**	0.180/*0.397*

Cam switches

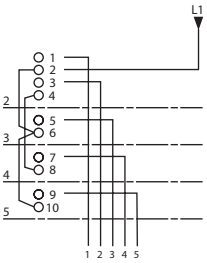
Complete switches, 12 and 20 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

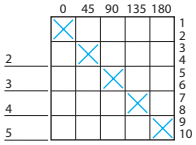
Stepping switches (2 to 5 step), single-pole, without “0” position

Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
			2 step		
		“Multi-fixing”	12	**K1B002NLH**	0.115/*0.253*
			20	**K2B002NLH**	0.115/*0.253*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1B002NCH**	0.135/*0.298*
			20	**K2B002NCH**	0.135/*0.298*
			3 step		
		“Multi-fixing”	12	**K1C003NLH**	0.135/*0.298*
			20	**K2C003NLH**	0.135/*0.298*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1C003NCH**	0.155/*0.342*
			20	**K2C003NCH**	0.155/*0.342*
			4 step		
		“Multi-fixing”	12	**K1D004NLH**	0.140/*0.309*
			20	**K2D004NLH**	0.140/*0.309*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1D004NCH**	0.160/*0.353*
			20	**K2D004NCH**	0.160/*0.353*
			5 step		
		“Multi-fixing”	12	**K1E005NLH**	0.160/*0.353*
			20	**K2E005NLH**	0.160/*0.353*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1E005NCH**	0.180/*0.397*
			20	**K2E005NCH**	0.180/*0.397*

K●●●●●●LH



K●●●●●●CH



General:
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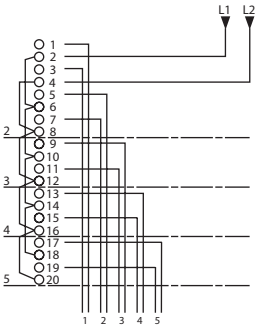
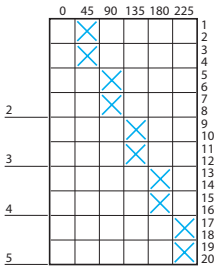
Cam switches

Complete switches, 12 and 20 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

Stepping switches (2 to 5 step), 2-pole, with “0” position

Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
K●●●●●●LH			**2 step +“0”**		
		**“Multi-fixing”**	12	**K1D012QLH**	0.140/*0.309*
			20	**K2D012QLH**	0.140/*0.309*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1D012QCH**	0.160/*0.353*
			20	**K2D012QCH**	0.160/*0.353*
K●●●●●●CH			**3 step +“0”**		
		**“Multi-fixing”**	12	**K1F013QLH**	0.170/*0.374*
			20	**K2F013QLH**	0.170/*0.374*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1F013QCH**	0.190/*0.419*
			20	**K2F013QCH**	0.190/*0.419*
			4 step +“0”		
		“Multi-fixing”	12	**K1H014QLH**	0.195/*0.430*
			20	**K2H014QLH**	0.195/*0.430*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1H014QCH**	0.215/*0.474*
			20	**K2H014QCH**	0.215/*0.474*
			5 step +“0”		
		“Multi-fixing”	12	**K1K015QLH**	0.225/*0.496*
			20	**K2K015QLH**	0.225/*0.496*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1K015QCH**	0.245/*0.540*
			20	**K2K015QCH**	0.245/*0.540*

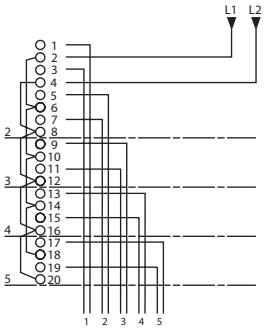
Cam switches

Complete switches, 12 and 20 A

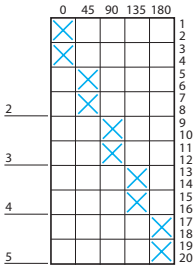
Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

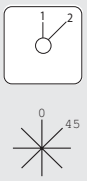
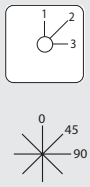
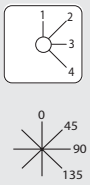
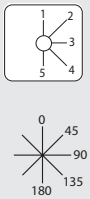
Stepping switches (2 to 5 step), 2-pole, without “0” position

K●●●●●●LH



K●●●●●●CH



Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
			2 step		
		**“Multi-fixing”**	12	**K1D012NLH**	0.140/*0.309*
			20	**K2D012NLH**	0.140/*0.309*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1D012NCH**	0.160/*0.353*
			20	**K2D012NCH**	0.160/*0.353*
			3 step		
		**“Multi-fixing”**	12	**K1F013NLH**	0.170/*0.374*
			20	**K2F013NLH**	0.170/*0.374*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1F013NCH**	0.190/*0.419*
			20	**K2F013NCH**	0.190/*0.419*
			4 step		
		**“Multi-fixing”**	12	**K1H014NLH**	0.195/*0.430*
			20	**K2H014NLH**	0.195/*0.430*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1H014NCH**	0.215/*0.474*
			20	**K2H014NCH**	0.215/*0.474*
			5 step		
		**“Multi-fixing”**	12	**K1K015NLH**	0.225/*0.496*
			20	**K2K015NLH**	0.225/*0.496*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1K015NCH**	0.245/*0.540*
			20	**K2K015NCH**	0.245/*0.540*

General:
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Cam switches

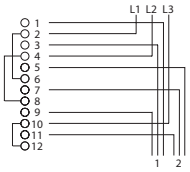
Complete switches, 12 and 20 A

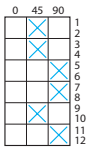
Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

Stepping switches (2 and 3 step), 3-pole, with “0” position

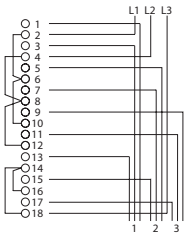
Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
			2 step +“0”		
		“Multi-fixing”	12	**K1F022QLH**	0.170/*0.374*
			20	**K2F022QLH**	0.170/*0.374*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1F022QCH**	0.190/*0.419*
			20	**K2F022QCH**	0.190/*0.419*
			3 step +“0”		
		“Multi-fixing”	12	**K1I023QLH**	0.215/*0.474*
			20	**K2I023QLH**	0.215/*0.474*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1I023QCH**	0.235/*0.518*
			20	**K2I023QCH**	0.235/*0.518*

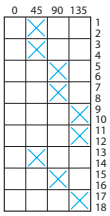
K●●●●●●LH





K●●●●●●CH





Cam switches

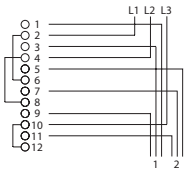
Complete switches, 12 and 20 A

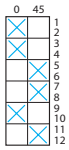
Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

Stepping switches (2 and 3 step), 3-pole, without “0” position

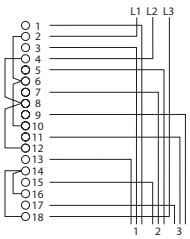
Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
			2 step		
		“Multi-fixing”	12	**K1F022NLH**	0.170/*0.374*
			20	**K2F022NLH**	0.170/*0.374*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1F022NCH**	0.190/*0.419*
			20	**K2F022NCH**	0.190/*0.419*
			3 step		
		“Multi-fixing”	12	**K1I023NLH**	0.215/*0.474*
			20	**K2I023NLH**	0.215/*0.474*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1I023NCH**	0.235/*0.518*
			20	**K2I023NCH**	0.235/*0.518*

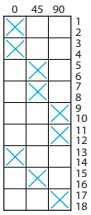
K●●●●●●LH





K●●●●●●CH





General:
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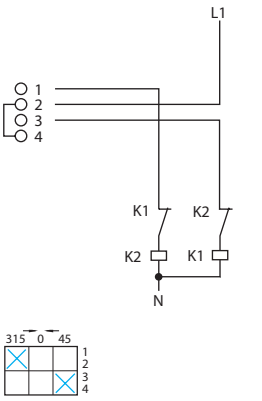
Cam switches

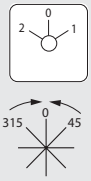
Complete switches, 12 and 20 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

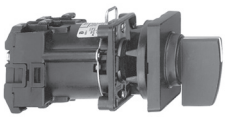
K●●●●●●LH

Reversing switches with spring return from 315° and from 45° to “0” position



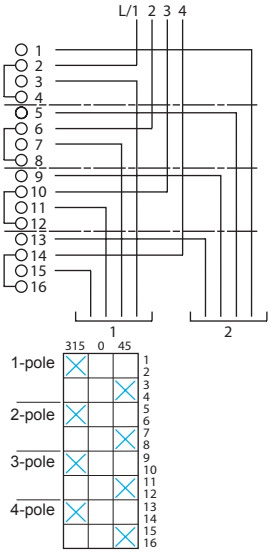


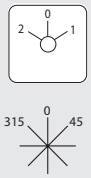
Wiring diagram and switching programme	Marking and switch position	Front mounting method	Number of poles	Thermal current (Ith)	Reference	Weight
				A		kg/*lb*
		“Multi-fixing”	1	12	**K1B006TLH**	0.115/*0.253*
				20	**K2B006TLH**	0.115/*0.253*
		By Ø 22 mm/ *0.87 in.* hole	1	12	**K1B006TCH**	0.135/*0.298*
				20	**K2B006TCH**	0.135/*0.298*



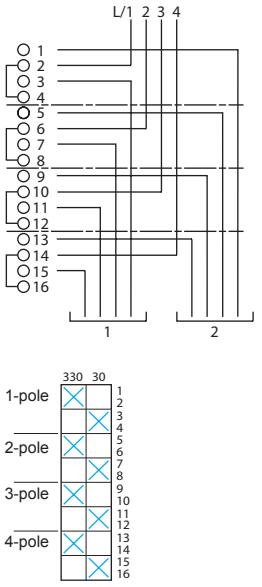
K●●●●●●CH

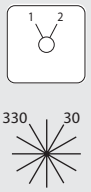
Changeover switches, 1 to 4-pole





				With “0” position		
		“Multi-fixing”	1	12	**K1B001ULH**	0.115/*0.253*
				20	**K2B001ULH**	0.115/*0.253*
			2	12	**K1D002ULH**	0.140/*0.309*
				20	**K2D002ULH**	0.140/*0.309*
			3	12	**K1F003ULH**	0.170/*0.374*
				20	**K2F003ULH**	0.170/*0.374*
			4	12	**K1H004ULH**	0.195/*0.430*
				20	**K2H004ULH**	0.195/*0.430*
		By Ø 22 mm/ *0.87 in.* hole	1	12	**K1B001UCH**	0.135/*0.298*
				20	**K2B001UCH**	0.135/*0.298*
			2	12	**K1D002UCH**	0.160/*0.353*
				20	**K2D002UCH**	0.160/*0.353*
			3	12	**K1F003UCH**	0.190/*0.419*
				20	**K2F003UCH**	0.190/*0.419*
			4	12	**K1H004UCH**	0.215/*0.474*
				20	**K2H004UCH**	0.215/*0.474*





				Without “0” position		
		“Multi-fixing”	1	12	**K1B011ULH**	0.115/*0.253*
				20	**K2B011ULH**	0.115/*0.253*
			2	12	**K1D012ULH**	0.140/*0.309*
				20	**K2D012ULH**	0.140/*0.309*
			3	12	**K1F013ULH**	0.170/*0.374*
				20	**K2F013ULH**	0.170/*0.374*
			4	12	**K1H014ULH**	0.195/*0.430*
				20	**K2H014ULH**	0.195/*0.430*
		By Ø 22 mm/ *0.87 in.* hole	1	12	**K1B011UCH**	0.135/*0.298*
				20	**K2B011UCH**	0.135/*0.298*
			2	12	**K1D012UCH**	0.160/*0.353*
				20	**K2D012UCH**	0.160/*0.353*
			3	12	**K1F013UCH**	0.190/*0.419*
				20	**K2F013UCH**	0.190/*0.419*
			4	12	**K1H014UCH**	0.215/*0.474*
				20	**K2H014UCH**	0.215/*0.474*

Cam switches

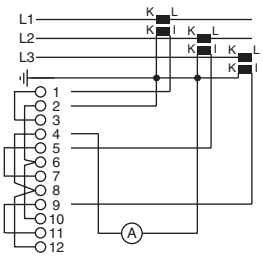
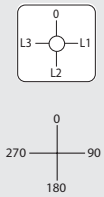
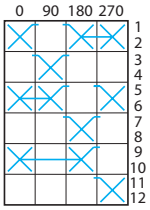
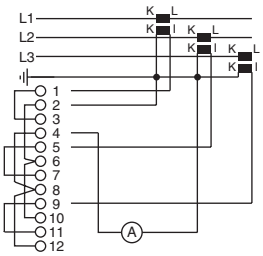
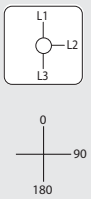
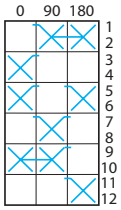
Complete switches, 12 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

K●●●●●●LH

K●●●●●●CH

Ammeter switches

Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
For 3 circuits					
			With “0” position		
		**“Multi-fixing”**	12	**K1F003MLH**	0.170/*0.374*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1F003MCH**	0.190/*0.419*
					
			Without “0” position		
		**“Multi-fixing”**	12	**K1F013MLH**	0.170/*0.374*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1F013MCH**	0.190/*0.419*
					

General:
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Schneider Electric

Cam switches

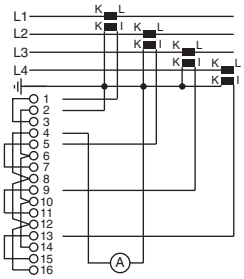
Complete switches, 12 A

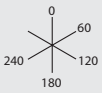
Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

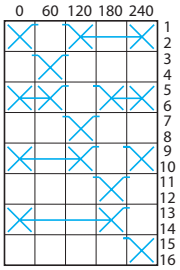
Ammeter switches (continued)

Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
For 4 circuits					
			With “0” position		
		“Multi-fixing”	12	**K1H004MLH**	0.195/*0.430*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1H004MCH**	0.215/*0.474*
			Without “0” position		
		“Multi-fixing”	12	**K1H014MLH**	0.195/*0.430*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1H014MCH**	0.215/*0.474*

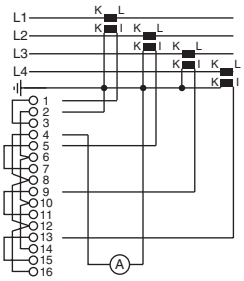
K●●●●●●LH

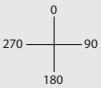


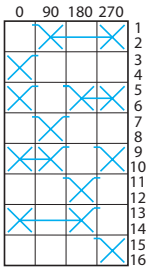




K●●●●●●CH





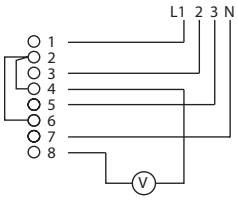
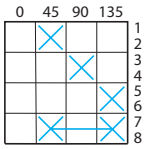
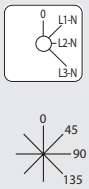
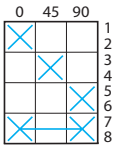
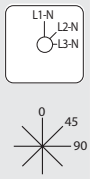
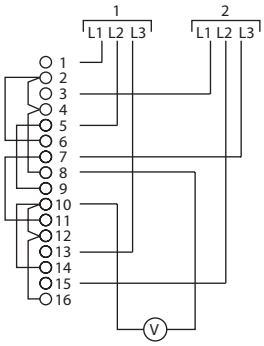
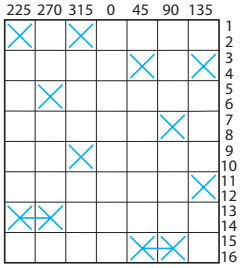
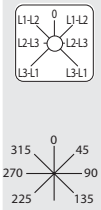
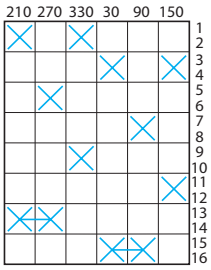
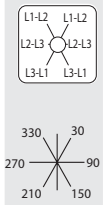


Cam switches

Complete switches, 12 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

Voltmeter switches

Wiring diagram	Switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
				A		kg/*lb*
For measurements between 3 phases and neutral						
K●●●●●●LH 				**With “0” position**		
			“Multi-fixing”	12	**K1D023MLH**	0.140/*0.309*
			By Ø 22 mm/ *0.87 in.* hole	12	**K1D023MCH**	0.160/*0.353*
K●●●●●●CH				**Without “0” position**		
			“Multi-fixing”	12	**K1D033MLH**	0.140/*0.309*
			By Ø 22 mm/ *0.87 in.* hole	12	**K1D033MCH**	0.160/*0.353*
For measurements between 3 phases of 2 supplies						
				**With “0” position**		
			“Multi-fixing”	12	**K1H026MLH**	0.205/*0.452*
			By Ø 22 mm/ *0.87 in.* hole	12	**K1H026MCH**	0.215/*0.474*
				**Without “0” position**		
			“Multi-fixing”	12	**K1H036MLH**	0.205/*0.452*
			By Ø 22 mm/ *0.87 in.* hole	12	**K1H036MCH**	0.215/*0.474*

Cam switches

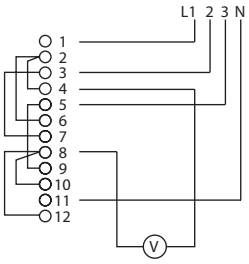
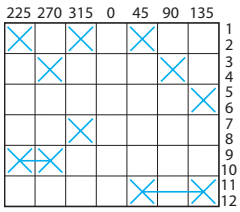
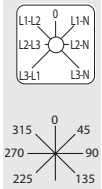
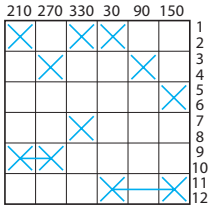
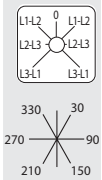
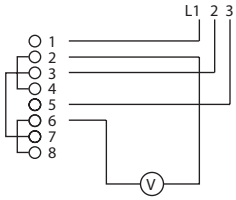
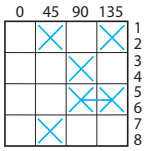
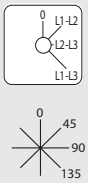
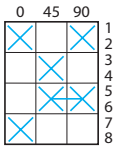
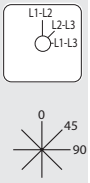
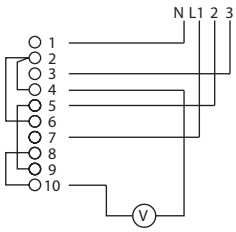
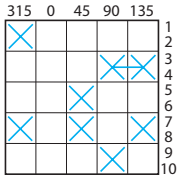
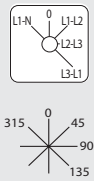
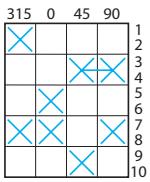
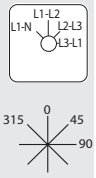
Complete switches, 12 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

Voltmeter switches (continued)

K●●●●●●LH

K●●●●●●CH

Wiring diagram	Switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
				A		kg/*lb*
For measurements between 3 phases and between each of the 3 phases and neutral						
				**With “0” position**		
			“Multi-fixing”	12	**K1F027MLH**	0.170/*0.374*
			By Ø 22 mm/ *0.87 in.* hole	12	**K1F027MCH**	0.190/*0.419*
				**Without “0” position**		
			“Multi-fixing”	12	**K1F037MLH**	0.170/*0.374*
			By Ø 22 mm/ *0.87 in.* hole	12	**K1F037MCH**	0.190/*0.419*
For measurements between 3 phases						
				**With “0” position**		
			“Multi-fixing”	12	**K1D024MLH**	0.140/*0.309*
			By Ø 22 mm/ *0.87 in.* hole	12	**K1D024MCH**	0.160/*0.353*
				**Without “0” position**		
			“Multi-fixing”	12	**K1D034MLH**	0.140/*0.309*
			By Ø 22 mm/ *0.87 in.* hole	12	**K1D034MCH**	0.160/*0.353*
For measurements between 3 phases and between 1 phase and neutral						
				**With “0” position**		
			“Multi-fixing”	12	**K1E025MLH**	0.160/*0.353*
			By Ø 22 mm/ *0.87 in.* hole	12	**K1E025MCH**	0.180/*0.397*
				**Without “0” position**		
			“Multi-fixing”	12	**K1E035MLH**	0.160/*0.353*
			By Ø 22 mm/ *0.87 in.* hole	12	**K1E035MCH**	0.180/*0.397*

4

Cam switches, type K

Adaptable sub-assemblies, 12 and 20 A

- **Bodies (contact blocks + fixing plate)**
- Switches 4/2
- Changeover switches 4/6
- Reversing switches 4/8
- Encoded output switches 4/9
- Paralleling switches 4/12
- Stepping switches 4/14
- Ammeter switches 4/24
- Voltmeter switches 4/25
- Multi-circuit switches 4/28
- Reversing switches 4/29
- Star-delta switches and reversing star-delta switches 4/30
- Pole change switches and reversing pole change switches 4/31
- **Operating heads**
- For "multi-fixing" or Ø 22 mm hole, front mounting bodies 4/34
- For 4 hole, rear mounting bodies 4/35
- **Legends**
- For "multi-fixing" heads 4/36
- For Ø 22 mm hole mounting heads with plastic bezel 4/37
- For Ø 22 mm hole mounting heads with chromium plated metal bezel 4/38
- Legend holders for heads 4/39
- Separate components and accessories 4/40

Cam switches

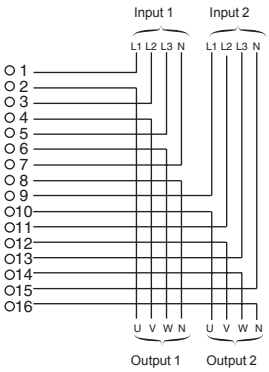
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

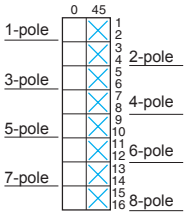
To combine with operating heads: see page 4/34

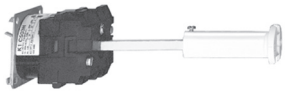
Switches with 45° switching angle

K●●0●●●L



K●●0●●●





K●●5●●●

K●●0●●●X

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed (1)	Weight kg/*lb*
	1-pole				
		Front	Multi-fixing	**K●A001AL**	0.091/*0.201*
			By Ø 22 mm/*0.87 in.* hole	**K●A001A**	0.075/*0.165*
				K●A001AX *(2)*	0.153/*0.337*
		Rear		**K●A501A**	0.115/*0.253*
	2-pole				
		Front	Multi-fixing	**K●B002AL**	0.101/*0.223*
			By Ø 22 mm/*0.87 in.* hole	**K●B002A**	0.085/*0.187*
				K●B002AX *(2)*	0.163/*0.359*
		Rear		**K●B502A**	0.125/*0.275*
	3-pole				
		Front	Multi-fixing	**K●C003AL**	0.121/*0.267*
			By Ø 22 mm/*0.87 in.* hole	**K●C003A**	0.105/*0.231*
				K●C003AX *(2)*	0.183/*0.403*
		Rear		**K●C503A**	0.140/*0.309*
	4-pole				
		Front	Multi-fixing	**K●D004AL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K●D004A**	0.110/*0.242*
				K●D004AX *(2)*	0.188/*0.414*
		Rear		**K●D504A**	0.150/*0.331*
	5-pole				
		Front	Multi-fixing	**K●E005AL**	0.146/*0.322*
			By Ø 22 mm/*0.87 in.* hole	**K●E005A**	0.130/*0.287*
				K●E005AX *(2)*	0.208/*0.458*
		Rear		**K●E505A**	0.165/*0.364*
	6-pole				
		Front	Multi-fixing	**K●F006AL**	0.156/*0.344*
			By Ø 22 mm/*0.87 in.* hole	**K●F006A**	0.140/*0.309*
				K●F006AX *(2)*	0.218/*0.481*
		Rear		**K●F506A**	0.175/*0.386*
	7-pole				
		Front	Multi-fixing	**K●G007AL**	0.176/*0.388*
			By Ø 22 mm/*0.87 in.* hole	**K●G007A**	0.160/*0.353*
		Rear		**K●G507A**	0.190/*0.419*
	8-pole				
		Front	Multi-fixing	**K●H008AL**	0.181/*0.399*
			By Ø 22 mm/*0.87 in.* hole	**K●H008A**	0.165/*0.364*
		Rear		**K●H508A**	0.195/*0.430*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1A001A**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2A001A**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

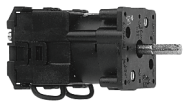
General: page 3/2

Cam switches

Adaptable sub-assemblies, 12 and 20 A

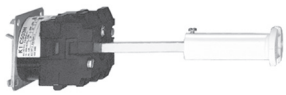
Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34



K●●0●●●L

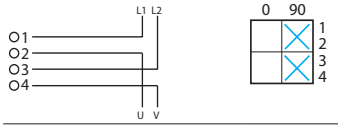
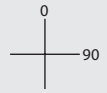
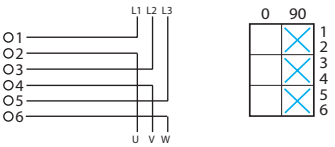
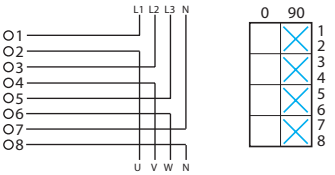
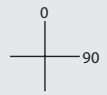
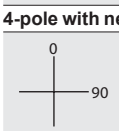
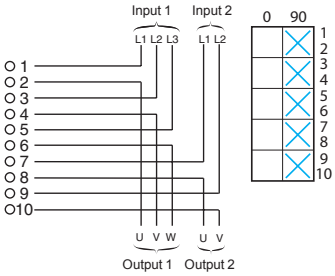
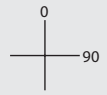
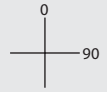
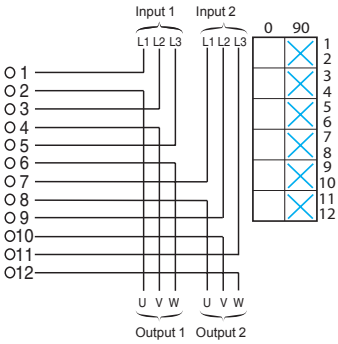
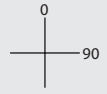
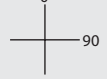
K●●0●●●



K●●5●●●

K●●0●●●X

Switches with 90° switching angle

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
		2-pole				
			Front	Multi-fixing	**K●B1002HL**	0.121/*0.267*
				By Ø 22 mm/*0.87 in.* hole	**K●B1002H**	0.105/*0.231*
					K●B1002HX *(2)*	0.183/*0.403*
		3-pole				
			Front	Multi-fixing	**K●C003HL**	0.121/*0.267*
				By Ø 22 mm/*0.87 in.* hole	**K●C003H**	0.105/*0.231*
					K●C003HX *(2)*	0.183/*0.403*
			Rear		**K●C503H**	0.140/*0.309*
		3-pole with neutral wire terminal and Earth terminal				
			Front	Multi-fixing	**K●C023HL**	0.121/*0.267*
				By Ø 22 mm/*0.87 in.* hole	**K●C023H**	0.105/*0.231*
					K●C023HX *(2)*	0.183/*0.403*
			Rear		**K●C523H**	0.140/*0.309*
		4-pole				
			Front	Multi-fixing	**K●D004HL**	0.126/*0.278*
				By Ø 22 mm/*0.87 in.* hole	**K●D004H**	0.110/*0.242*
					K●D004HX *(2)*	0.188/*0.414*
			Rear		**K●D504H**	0.150/*0.331*
		4-pole with neutral wire terminal and Earth terminal				
			Front	Multi-fixing	**K●D024HL**	0.126/*0.278*
				By Ø 22 mm/*0.87 in.* hole	**K●D024H**	0.110/*0.242*
					K●D024HX *(2)*	0.188/*0.414*
			Rear		**K●D524H**	0.150/*0.331*
		5-pole				
			Front	Multi-fixing	**K●E005HL**	0.146/*0.322*
				By Ø 22 mm/*0.87 in.* hole	**K●E005H**	0.130/*0.287*
					K●E005HX *(2)*	0.208/*0.458*
			Rear		**K●E505H**	0.165/*0.364*
		5-pole with neutral wire terminal and Earth terminal				
			Front	Multi-fixing	**K●E025HL**	0.146/*0.322*
				By Ø 22 mm/*0.87 in.* hole	**K●E025H**	0.130/*0.287*
			Rear		**K●E525H**	0.165/*0.364*
		6-pole				
			Front	Multi-fixing	**K●F006HL**	0.156/*0.344*
				By Ø 22 mm/*0.87 in.* hole	**K●F006H**	0.140/*0.309*
					K●F006HX *(2)*	0.218/*0.481*
			Rear		**K●F506H**	0.175/*0.386*
		6-pole with neutral wire terminal and Earth terminal				
			Front	Multi-fixing	**K●F026HL**	0.156/*0.344*
				By Ø 22 mm/*0.87 in.* hole	**K●F026H**	0.140/*0.309*
			Rear		**K●F526H**	0.175/*0.386*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1C003H**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2C003H**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

Cam switches

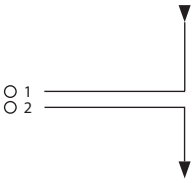
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

OFF-ON switches with 45° switching angle

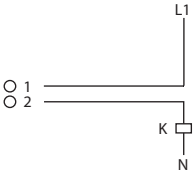
K●●0●●●L



Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
			Front	Multi-fixing	**K●A001AL**	0.091/*0.201*
				By Ø 22 mm/*0.87 in.* hole	**K●A001A**	0.075/*0.165*
					K●A001AX *(2)*	0.153/*0.337*
			Rear		**K●A501A**	0.115/*0.253*

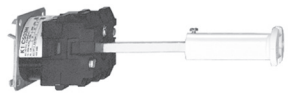
OFF-ON switches with spring return from 30° to "0" position

K●●0●●●

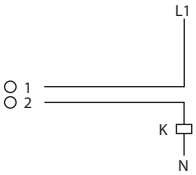


Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
			Front	Multi-fixing	**K●A001TL**	0.091/*0.201*
				By Ø 22 mm/*0.87 in.* hole	**K●A001T**	0.075/*0.165*
					K●A001TX *(2)*	0.153/*0.337*
			Rear		**K●A501T**	0.115/*0.253*

ON-OFF switches with spring return from 30° to "0" position



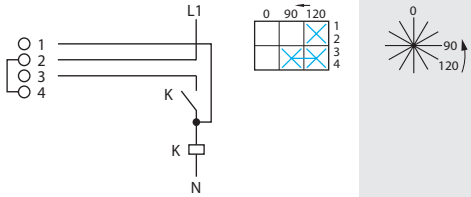
K●●5●●●



Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
			Front	Multi-fixing	**K●A002TL**	0.091/*0.201*
				By Ø 22 mm/*0.87 in.* hole	**K●A002T**	0.075/*0.165*
					K●A002TX *(2)*	0.153/*0.337*
			Rear		**K●A502T**	0.115/*0.253*

OFF-ON switches with spring return from 120° to 90°

K●●0●●●X



Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
			Front	Multi-fixing	**K●B003TL**	0.101/*0.223*
				By Ø 22 mm/*0.87 in.* hole	**K●B003T**	0.085/*0.187*
			Rear		**K●B503T**	0.125/*0.275*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1A001A**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2A001A**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

General: page 3/2

Cam switches

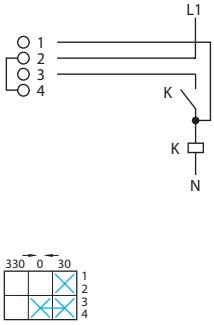
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

OFF-ON switches with spring return from 30° and from 330° to "0" position

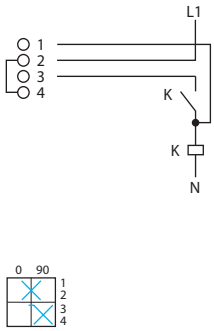
K●●0●●●L



Wiring diagram and switching programme	Switch position	Mounting method	Reference to be completed *(1)*	Weight kg/*lb*
		Front — Multi-fixing	**K●B004TL**	0.101/*0.223*
		Front — By Ø 22 mm/*0.87 in.* hole	**K●B004T**	0.085/*0.187*
		Rear	**K●B504T**	0.115/*0.253*

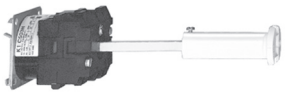
OFF-ON switches with momentary-contact function

K●●0●●●



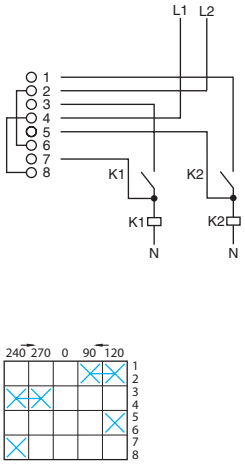
Wiring diagram and switching programme	Switch position	Mounting method	Reference to be completed *(1)*	Weight kg/*lb*
		Front — Multi-fixing	**K●B001DL**	0.101/*0.223*
		Front — By Ø 22 mm/*0.87 in.* hole	**K●B001D**	0.085/*0.187*
			K●B001DX *(2)*	0.163/*0.359*
		Rear	**K●B501D**	0.125/*0.275*

OFF-ON changeover switches with spring return from 240° to 270° and from 120° to 90°



K●●5●●●

K●●0●●●X



Wiring diagram and switching programme	Switch position	Mounting method	Reference to be completed *(1)*	Weight kg/*lb*
		Front — Multi-fixing	**K●D005TL**	0.126/*0.278*
		Front — By Ø 22 mm/*0.87 in.* hole	**K●D005T**	0.110/*0.242*
		Rear	**K●D505T**	0.150/*0.331*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1B004T**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2B004T**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

Cam switches

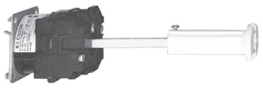
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

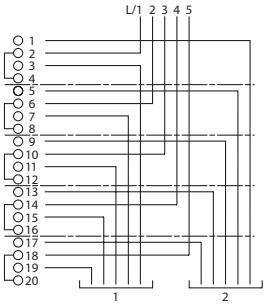
K●●0●●●L

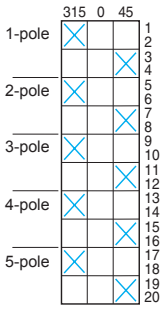
K●●0●●●



K●●5●●●

K●●0●●●X





Changeover switches with "0" position

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
	1-pole				
		Front	Multi-fixing	**K●B001UL**	0.101/*0.223*
			By Ø 22 mm/*0.87 in.* hole	**K●B001U**	0.085/*0.187*
				K●B001UX *(2)*	0.163/*0.359*
		Rear		**K●B501U**	0.125/*0.275*
	2-pole				
		Front	Multi-fixing	**K●D002UL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K●D002U**	0.110/*0.242*
				K●D002UX *(2)*	0.188/*0.414*
		Rear		**K●D502U**	0.150/*0.331*
	3-pole				
		Front	Multi-fixing	**K●F003UL**	0.156/*0.344*
			By Ø 22 mm/*0.87 in.* hole	**K●F003U**	0.140/*0.309*
				K●F003UX *(2)*	0.218/*0.481*
		Rear		**K●F503U**	0.175/*0.386*
	4-pole				
		Front	Multi-fixing	**K●H004UL**	0.181/*0.399*
			By Ø 22 mm/*0.87 in.* hole	**K●H004U**	0.165/*0.364*
				K●H004UX *(2)*	0.243/*0.536*
		Rear		**K●H504U**	0.195/*0.430*
	5-pole				
		Front	Multi-fixing	**K●K005UL**	0.211/*0.465*
			By Ø 22 mm/*0.87 in.* hole	**K●K005U**	0.195/*0.430*
				K●K005UX *(2)*	0.273/*0.602*
		Rear		**K●K505U**	0.210/*0.463*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1B001U**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2B001U**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

General: page 3/2

Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

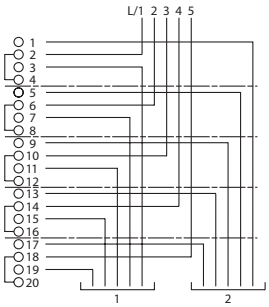
K●●0●●●L

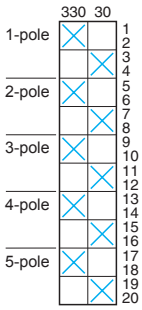
K●●0●●●

K●●5●●●

K●●0●●●X

Changeover switches without "0" position





Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
	1-pole				
		Front	Multi-fixing	**K●B011UL**	0.101/*0.223*
			By Ø 22 mm/*0.87 in.* hole	**K●B011U**	0.085/*0.187*
				K●B011UX *(2)*	0.163/*0.359*
		Rear		**K●B511U**	0.125/*0.275*
	2-pole				
		Front	Multi-fixing	**K●D012UL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K●D012U**	0.110/*0.242*
				K●D012UX *(2)*	0.188/*0.414*
		Rear		**K●D512U**	0.150/*0.331*
	3-pole				
		Front	Multi-fixing	**K●F013UL**	0.156/*0.344*
			By Ø 22 mm/*0.87 in.* hole	**K●F013U**	0.140/*0.309*
				K●F013UX *(2)*	0.218/*0.481*
		Rear		**K●F513U**	0.175/*0.386*
	4-pole				
		Front	Multi-fixing	**K●H014UL**	0.181/*0.399*
			By Ø 22 mm/*0.87 in.* hole	**K●H014U**	0.165/*0.364*
				K●H014UX *(2)*	0.243/*0.536*
		Rear		**K●H514U**	0.195/*0.430*
	5-pole				
		Front	Multi-fixing	**K●K015UL**	0.211/*0.465*
			By Ø 22 mm/*0.87 in.* hole	**K●K015U**	0.195/*0.430*
				K●K015UX *(2)*	0.273/*0.602*
		Rear		**K●K515U**	0.220/*0.485*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1B011U**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2B011U**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

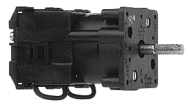
Cam switches

Adaptable sub-assemblies, 12 and 20 A

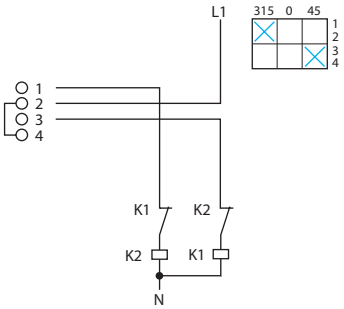
Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

Reversing switches with "0" position



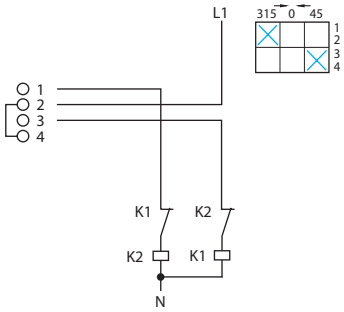
K●●0●●●L



Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
			Front	Multi-fixing	**K●B001UL**	0.101/*0.223*
				By Ø 22 mm/ *0.87 in.* hole	**K●B001U**	0.085/*0.187*
					K●B001UX *(2)*	0.163/*0.359*
			Rear		**K●B501U**	0.125/*0.275*

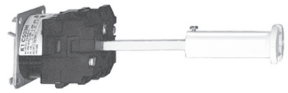
Reversing switches with spring return from 315° and from 45° to "0" position

K●●0●●●

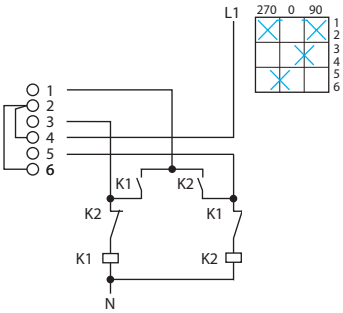


Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
			Front	Multi-fixing	**K●B006TL**	0.101/*0.223*
				By Ø 22 mm/ *0.87 in.* hole	**K●B006T**	0.085/*0.187*
					K●B006TX *(2)*	0.163/*0.359*
			Rear		**K●B506T**	0.125/*0.275*

Reversing switches with momentary-contact function



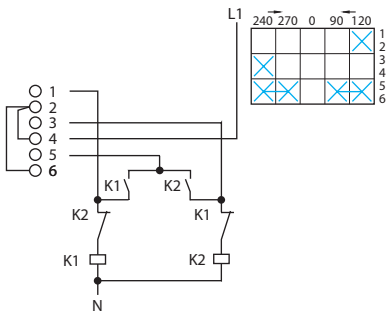
K●●5●●●



Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
			Front	Multi-fixing	**K●C002DL**	0.121/*0.267*
				By Ø 22 mm/ *0.87 in.* hole	**K●C002D**	0.105/*0.231*
					K●C002DX *(2)*	0.183/*0.403*
			Rear		**K●C502D**	0.140/*0.309*

Reversing switches with spring return from 240° to 270° and from 120° to 90° position

K●●0●●●X



Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
			Front	Multi-fixing	**K●C007TL**	0.121/*0.267*
				By Ø 22 mm/ *0.87 in.* hole	**K●C007T**	0.105/*0.231*
			Rear		**K●C507T**	0.140/*0.309*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1B001U**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2B001U**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

General: page 3/2

Cam switches

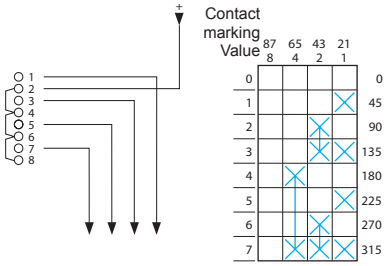
Adaptable sub-assemblies, 12 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

BCD encoded output switches with "0" position

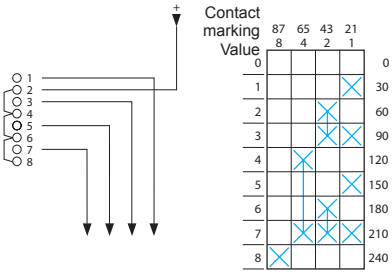
K●●0●●●L

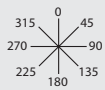
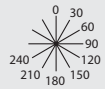


K●●0●●●

K●●5●●●

K●●0●●●X



Wiring diagram	Switching programme	Switch position	Mounting method		Reference (1)	Weight kg/*lb*
		1 decimal				
			Front	Multi-fixing	**K1A001BL**	0.101/*0.223*
				By Ø 22 mm/ *0.87 in.* hole	**K1A001B**	0.085/*0.187*
					K1A001BX *(2)*	0.163/*0.359*
			Rear		**K1A501B**	0.125/*0.275*
		2 decimal				
			Front	Multi-fixing	**K1B002BL**	0.101/*0.223*
				By Ø 22 mm/ *0.87 in.* hole	**K1B002B**	0.085/*0.187*
					K1B002BX *(2)*	0.163/*0.359*
			Rear		**K1B502B**	0.125/*0.275*
		3 decimal				
			Front	Multi-fixing	**K1B003BL**	0.101/*0.223*
				By Ø 22 mm/ *0.87 in.* hole	**K1B003B**	0.085/*0.187*
					K1B003BX *(2)*	0.163/*0.359*
			Rear		**K1B503B**	0.125/*0.275*
		4 decimal				
			Front	Multi-fixing	**K1C004BL**	0.121/*0.267*
				By Ø 22 mm/ *0.87 in.* hole	**K1C004B**	0.105/*0.231*
					K1C004BX *(2)*	0.183/*0.403*
			Rear		**K1C504B**	0.140/*0.309*
		5 decimal				
			Front	Multi-fixing	**K1C005BL**	0.121/*0.267*
				By Ø 22 mm/ *0.87 in.* hole	**K1C005B**	0.105/*0.231*
					K1C005BX *(2)*	0.183/*0.403*
			Rear		**K1C505B**	0.140/*0.309*
		6 decimal				
			Front	Multi-fixing	**K1C006BL**	0.121/*0.267*
				By Ø 22 mm/*0.87 in.* hole	**K1C006B**	0.105/*0.231*
					K1C006BX *(2)*	0.183/*0.403*
			Rear		**K1C506B**	0.140/*0.309*
		7 decimal				
			Front	Multi-fixing	**K1C007BL**	0.121/*0.267*
				By Ø 22 mm/ *0.87 in.* hole	**K1C007B**	0.105/*0.231*
					K1C007BX *(2)*	0.183/*0.403*
			Rear		**K1C507B**	0.140/*0.309*
		8 decimal				
			Front	Multi-fixing	**K1D008BL**	0.126/*0.278*
				By Ø 22 mm/ *0.87 in.* hole	**K1D008B**	0.110/*0.242*
					K1D008BX *(2)*	0.188/*0.414*
			Rear		**K1D508B**	0.150/*0.331*

(1) Ith = 12 A.
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

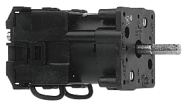
Cam switches

Adaptable sub-assemblies, 12 A

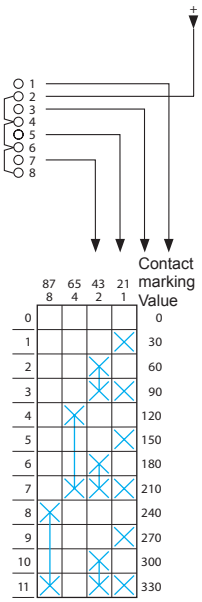
Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

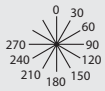
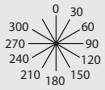
BCD encoded output switches with "0" position (continued)



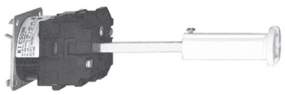
K●●0●●●L



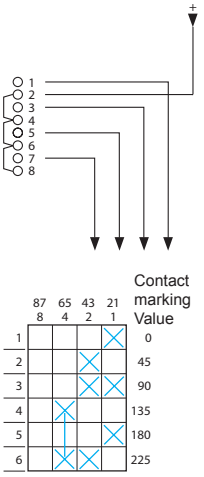
K●●0●●●

Wiring diagram and switching programme	Switch position	Mounting method		Reference (1)	Weight kg/*lb*
	9 decimal				
		Front	Multi-fixing	**K1D009BL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K1D009B**	0.110/*0.242*
				K1D009BX *(2)*	0.188/*0.414*
		Rear		**K1D509B**	0.150/*0.331*
	10 decimal				
		Front	Multi-fixing	**K1D010BL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K1D010B**	0.110/*0.242*
		Rear		**K1D510B**	0.150/*0.331*
	11 decimal				
		Front	Multi-fixing	**K1D011BL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K1D011B**	0.110/*0.242*
		Rear		**K1D511B**	0.150/*0.331*

BCD encoded output switches without "0" position



K●●5●●●



K●●0●●●X

Wiring diagram and switching programme	Switch position	Mounting method		Reference (1)	Weight kg/*lb*
	1 and 2 decimal				
		Front	Multi-fixing	**K1B022BL**	0.101/*0.223*
			By Ø 22 mm/*0.87 in.* hole	**K1B022B**	0.085/*0.187*
				K1B022BX *(2)*	0.163/*0.359*
		Rear		**K1B522B**	0.125/*0.275*
	3 decimal				
		Front	Multi-fixing	**K1B023BL**	0.101/*0.223*
			By Ø 22 mm/*0.87 in.* hole	**K1B023B**	0.085/*0.187*
				K1B023BX *(2)*	0.163/*0.359*
		Rear		**K1B523B**	0.125/*0.275*
	4 decimal				
		Front	Multi-fixing	**K1C024BL**	0.121/*0.267*
			By Ø 22 mm/*0.87 in.* hole	**K1C024B**	0.105/*0.231*
				K1C024BX *(2)*	0.183/*0.403*
		Rear		**K1C524B**	0.140/*0.309*
	5 decimal				
		Front	Multi-fixing	**K1C025BL**	0.121/*0.267*
			By Ø 22 mm/*0.87 in.* hole	**K1C025B**	0.105/*0.231*
				K1C025BX *(2)*	0.183/*0.403*
		Rear		**K1C525B**	0.140/*0.309*
	6 decimal				
		Front	Multi-fixing	**K1C026BL**	0.121/*0.267*
			By Ø 22 mm/*0.87 in.* hole	**K1C026B**	0.105/*0.231*
				K1C026BX *(2)*	0.183/*0.403*
		Rear		**K1C526B**	0.140/*0.309*

(1) Ith = 12 A.
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

General: page 3/2

Cam switches

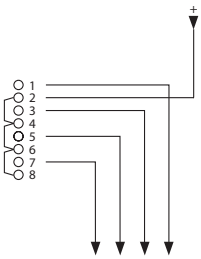
Adaptable sub-assemblies, 12 A

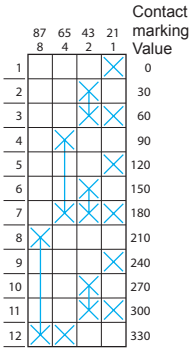
Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

BCD encoded output switches without "0" position (continued)

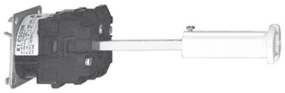
K●●0●●●L





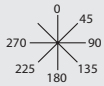
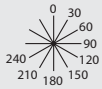
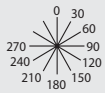
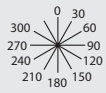
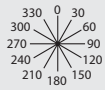
	87 8	65 4	43 2	21 1	Contact marking Value
1				X	0
2			X		30
3			X	X	60
4		X			90
5				X	120
6			X		150
7		X	X	X	180
8	X				210
9				X	240
10			X		270
11			X	X	300
12	X	X			330

K●●0●●●



K●●5●●●

K●●0●●●X

Wiring diagram and switching programme	Switch position	Mounting method		Reference (1)	Weight kg/*lb*
	7 decimal				
		Front	Multi-fixing	**K1C027BL**	0.121/*0.267*
			By Ø 22 mm/*0.87 in.* hole	**K1C027B**	0.105/*0.231*
				K1C027BX *(2)*	0.183/*0.403*
		Rear		**K1C527B**	0.140/*0.309*
	8 decimal				
		Front	Multi-fixing	**K1D028BL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K1D028B**	0.110/*0.242*
				K1D028BX *(2)*	0.188/*0.414*
		Rear		**K1D528B**	0.150/*0.331*
	9 decimal				
		Front	Multi-fixing	**K1D029BL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K1D029B**	0.110/*0.242*
				K1D029BX *(2)*	0.188/*0.414*
		Rear		**K1D529B**	0.150/*0.331*
	10 decimal				
		Front	Multi-fixing	**K1D030BL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K1D030B**	0.110/*0.242*
				K1D030BX *(2)*	0.188/*0.414*
		Rear		**K1D530B**	0.150/*0.331*
	11 decimal				
		Front	Multi-fixing	**K1D031BL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K1D031B**	0.110/*0.242*
		Rear		**K1D531B**	0.150/*0.331*
	12 decimal				
		Front	Multi-fixing	**K1D032BL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K1D032B**	0.110/*0.242*
		Rear		**K1D532B**	0.150/*0.331*

(1) Ith = 12 A.
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

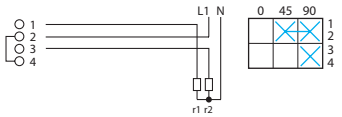
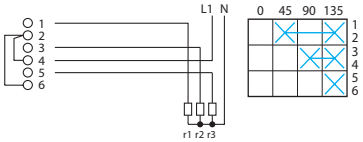
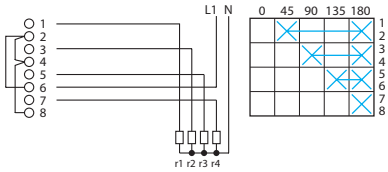
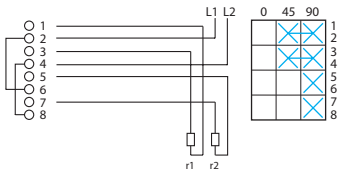
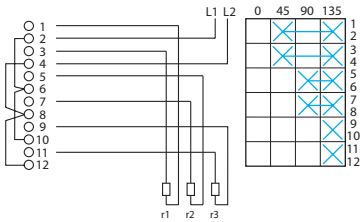
Cam switches

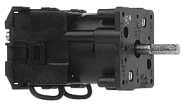
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

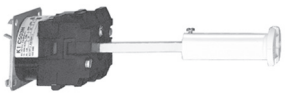
Paralleling switches with "0" position

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
1-pole for 2 loads						
			Front	Multi-fixing	**K●B002GL**	0.101/*0.223*
				By Ø 22 mm/ *0.87 in.* hole	**K●B002G**	0.085/*0.187*
					K●B002GX *(2)*	0.163/*0.359*
			Rear		**K●B502G**	0.125/*0.275*
1-pole for 3 loads						
			Front	Multi-fixing	**K●C003GL**	0.121/*0.267*
				By Ø 22 mm/ *0.87 in.* hole	**K●C003G**	0.105/*0.231*
					K●C003GX *(2)*	0.183/*0.403*
			Rear		**K●C503G**	0.140/*0.309*
1-pole for 4 loads						
			Front	Multi-fixing	**K●D004GL**	0.126/*0.278*
				By Ø 22 mm/ *0.87 in.* hole	**K●D004G**	0.110/*0.242*
					K●D004GX *(2)*	0.188/*0.414*
			Rear		**K●D504G**	0.150/*0.331*
2-pole for 2 loads						
			Front	Multi-fixing	**K●D012GL**	0.126/*0.278*
				By Ø 22 mm/ *0.87 in.* hole	**K●D012G**	0.110/*0.242*
					K●D012GX *(2)*	0.188/*0.414*
			Rear		**K●D512G**	0.150/*0.331*
2-pole for 3 loads						
			Front	Multi-fixing	**K●F013GL**	0.156/*0.344*
				By Ø 22 mm/ *0.87 in.* hole	**K●F013G**	0.140/*0.309*
					K●F013GX *(2)*	0.218/*0.481*
			Rear		**K●F513G**	0.175/*0.386*



K●●0●●●L

K●●0●●●



K●●5●●●

K●●0●●●X

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1B002G**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2B002G**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

General: page 3/2

Schneider Electric

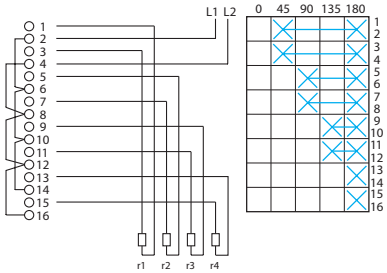
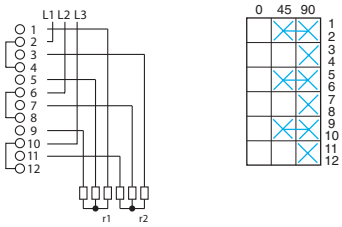
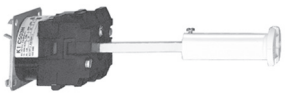
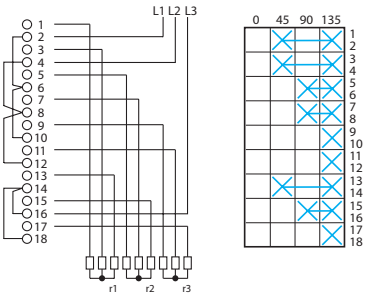
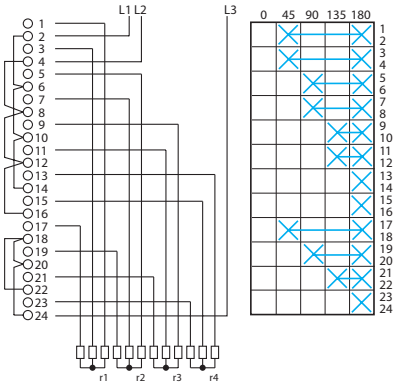
Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

Paralleling switches with "0" position (continued)

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
2-pole for 4 loads						
K●●0●●●L			Front	Multi-fixing	**K●H014GL**	0.181/*0.399*
				By Ø 22 mm/ *0.87 in.* hole	**K●H014G**	0.165/*0.364*
					K●H014GX *(2)*	0.243/*0.536*
			Rear		**K●H514G**	0.195/*0.430*
3-pole for 2 loads						
K●●0●●●			Front	Multi-fixing	**K●F022GL**	0.156/*0.344*
				By Ø 22 mm/ *0.87 in.* hole	**K●F022G**	0.140/*0.309*
					K●F022GX *(2)*	0.218/*0.481*
			Rear		**K●F522G**	0.175/*0.386*
3-pole for 3 loads						
 *K●●5●●●*			Front	Multi-fixing	**K●I023GL**	0.201/*0.443*
				By Ø 22 mm/ *0.87 in.* hole	**K●I023G**	0.185/*0.408*
					K●I023GX *(2)*	0.263/*0.580*
			Rear		**K●I523G**	0.215/*0.474*
3-pole for 4 loads						
K●●0●●●X			Front	Multi-fixing	**K●M024GL**	0.241/*0.531*
				By Ø 22 mm/ *0.87 in.* hole	**K●M024G**	0.225/0.496
					K●M024GX *(2)*	0.303/0.668
			Rear		**K●M524G**	0.245/*0.540*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1H014G**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2H014G**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

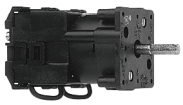
Cam switches

Adaptable sub-assemblies, 12 and 20 A

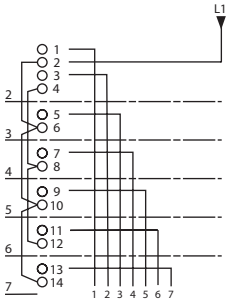
Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

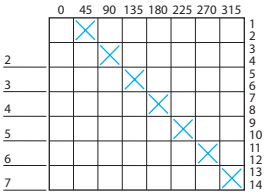
Stepping switches (2 to 11 step), single-pole, with "0" position

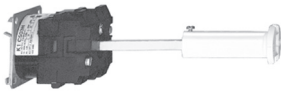


K●●0●●●L



K●●0●●●





K●●5●●●

K●●0●●●X

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
	2 step + "0"				
		Front	Multi-fixing	**K●B002QL**	0.101/*0.223*
			By Ø 22 mm/*0.87 in.* hole	**K●B002Q**	0.085/*0.187*
				K●B002QX *(2)*	0.163/*0.359*
		Rear		**K●B502Q**	0.125/*0.275*
	3 step + "0"				
		Front	Multi-fixing	**K●C003QL**	0.121/*0.267*
			By Ø 22 mm/*0.87 in.* hole	**K●C003Q**	0.105/*0.231*
				K●C003QX *(2)*	0.183/*0.403*
		Rear		**K●C503Q**	0.140/*0.309*
	4 step + "0"				
		Front	Multi-fixing	**K●D004QL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K●D004Q**	0.110/*0.242*
				K●D004QX *(2)*	0.188/*0.414*
		Rear		**K●D504Q**	0.150/*0.331*
	5 step + "0"				
		Front	Multi-fixing	**K●E005QL**	0.146/*0.322*
			By Ø 22 mm/*0.87 in.* hole	**K●E005Q**	0.130/*0.287*
				K●E005QX *(2)*	0.208/*0.458*
		Rear		**K●E505Q**	0.165/*0.364*
	6 step + "0"				
		Front	Multi-fixing	**K●F006QL**	0.156/*0.344*
			By Ø 22 mm/*0.87 in.* hole	**K●F006Q**	0.140/*0.309*
				K●F006QX *(2)*	0.218/*0.481*
		Rear		**K●F506Q**	0.175/*0.386*
	7 step + "0"				
		Front	Multi-fixing	**K●G007QL**	0.176/*0.388*
			By Ø 22 mm/*0.87 in.* hole	**K●G007Q**	0.160/*0.353*
				K●G007QX *(2)*	0.238/*0.525*
		Rear		**K●G507Q**	0.190/*0.419*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1B002Q**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2B002Q**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●.***

General: page 3/2

Cam switches

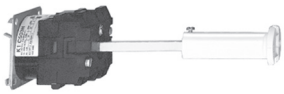
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

K●●0●●●L

K●●0●●●

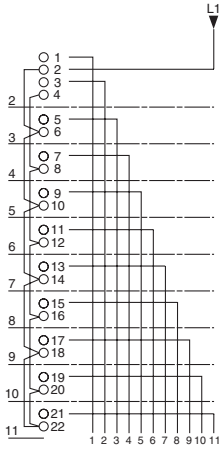


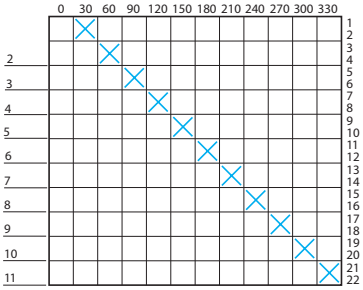
K●●5●●●

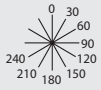
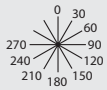
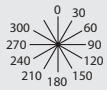
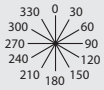
K●●0●●●X

Stepping switches (2 to 11 step), single-pole, with "0" position (continued)

Wiring diagram and switching programme





Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
8 step + "0"				
	Front	Multi-fixing	**K●H008QL**	0.181/*0.399*
		By Ø 22 mm/ *0.87 in.* hole	**K●H008Q**	0.165/*0.364*
			K●H008QX *(2)*	0.243/*0.536*
	Rear		**K●H508Q**	0.195/*0.430*
9 step + "0"				
	Front	Multi-fixing	**K●I009QL**	0.201/*0.443*
		By Ø 22 mm/ *0.87 in.* hole	**K●I009Q**	0.185/*0.408*
			K●I009QX *(2)*	0.263/*0.580*
	Rear		**K●I509Q**	0.215/*0.474*
10 step + "0"				
	Front	Multi-fixing	**K●K010QL**	0.211/*0.465*
		By Ø 22 mm/ *0.87 in.* hole	**K●K010Q**	0.195/*0.430*
			K●K010QX *(2)*	0.273/*0.602*
	Rear		**K●K510Q**	0.220/*0.485*
11 step + "0"				
	Front	Multi-fixing	**K●L011QL**	0.231/*0.509*
		By Ø 22 mm/ *0.87 in.* hole	**K●L011Q**	0.215/*0.474*
			K●L011QX *(2)*	0.293/*0.646*
	Rear		**K●L511Q**	0.240/*0.529*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1H008Q**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2H008Q**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

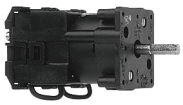
Cam switches

Adaptable sub-assemblies, 12 and 20 A

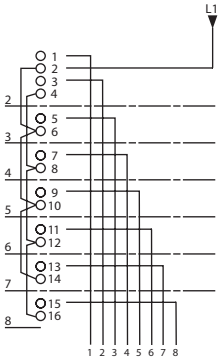
Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

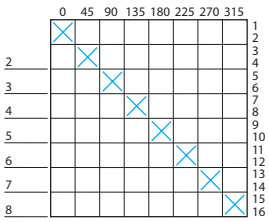
Stepping switches (2 to 12 step), single-pole, without "0" position

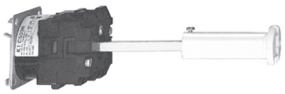


K●●0●●●L



K●●0●●●





K●●5●●●

K●●0●●●X

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
	2 step				
		Front	Multi-fixing	**K●B002NL**	0.101/*0.223*
			By Ø 22 mm/*0.87 in.* hole	**K●B002N**	0.085/*0.187*
				K●B002NX *(2)*	0.163/*0.359*
		Rear		**K●B502N**	0.125/*0.275*
	3 step				
		Front	Multi-fixing	**K●C003NL**	0.121/*0.267*
			By Ø 22 mm/*0.87 in.* hole	**K●C003N**	0.105/*0.231*
				K●C003NX *(2)*	0.183/*0.403*
		Rear		**K●C503N**	0.140/*0.309*
	4 step				
		Front	Multi-fixing	**K●D004NL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K●D004N**	0.110/*0.242*
				K●D004NX *(2)*	0.188/*0.414*
		Rear		**K●D504N**	0.150/*0.331*
	5 step				
		Front	Multi-fixing	**K●E005NL**	0.146/*0.322*
			By Ø 22 mm/*0.87 in.* hole	**K●E005N**	0.130/*0.287*
				K●E005NX *(2)*	0.208/*0.458*
		Rear		**K●E505N**	0.165/*0.364*
	6 step				
		Front	Multi-fixing	**K●F006NL**	0.156/*0.344*
			By Ø 22 mm/*0.87 in.* hole	**K●F006N**	0.140/*0.309*
				K●F006NX *(2)*	0.218/*0.481*
		Rear		**K●F506N**	0.175/*0.386*
	7 step				
		Front	Multi-fixing	**K●G007NL**	0.176/*0.388*
			By Ø 22 mm/*0.87 in.* hole	**K●G007N**	0.160/*0.353*
				K●G007NX *(2)*	0.238/*0.525*
		Rear		**K●G507N**	0.190/*0.419*
	8 step				
		Front	Multi-fixing	**K●H008NL**	0.181/*0.399*
			By Ø 22 mm/*0.87 in.* hole	**K●H008N**	0.165/*0.364*
				K●H008NX *(2)*	0.243/*0.536*
		Rear		**K●H508N**	0.195/*0.430*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1B002N**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2B002N**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

General: page 3/2

Cam switches

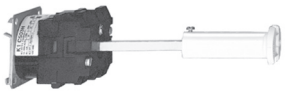
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

K●●0●●●L

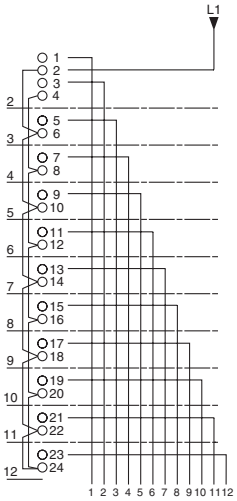
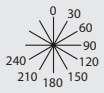
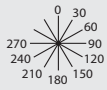
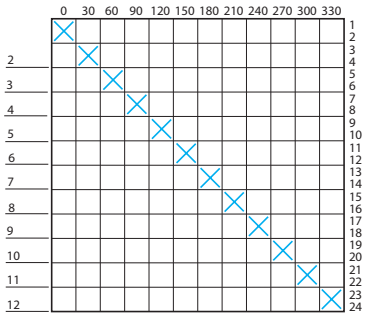
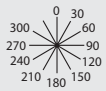
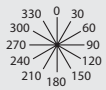
K●●0●●●



K●●5●●●

K●●0●●●X

Stepping switches (2 to 12 step), single-pole, without "0" position (continued)

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg
	**9 step** 	Front	Multi-fixing	**K●I009NL**	0.201/*0.443*
			By Ø 22 mm/ *0.87 in.* hole	**K●I009N**	0.185/*0.408*
				K●I009NX *(2)*	0.263/*0.580*
		Rear		**K●I509N**	0.215/*0.474*
	10 step 	Front	Multi-fixing	**K●K010NL**	0.211/*0.465*
			By Ø 22 mm/ *0.87 in.* hole	**K●K010N**	0.195/*0.430*
				K●K010NX *(2)*	0.273/*0.602*
		Rear		**K●K510N**	0.220/*0.485*
	**11 step** 	Front	Multi-fixing	**K●L011NL**	0.231/*0.509*
			By Ø 22 mm/ *0.87 in.* hole	**K●L011N**	0.215/*0.474*
				K●L011NX *(2)*	0.293/*0.646*
		Rear		**K●L511N**	0.240/*0.529*
	12 step 	Front	Multi-fixing	**K●M021NL**	0.241/*0.531*
			By Ø 22 mm/ *0.87 in.* hole	**K●M021N**	0.225/*0.496*
				K●M021NX *(2)*	0.303/*0.668*
		Rear		**K●M521N**	0.245/*0.540*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1I009N**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2I009N**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

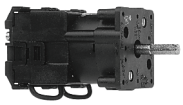
Cam switches

Adaptable sub-assemblies, 12 and 20 A

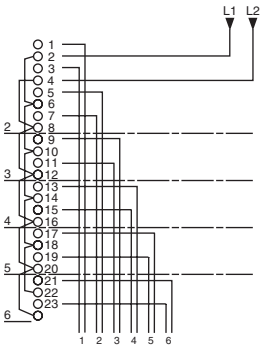
Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

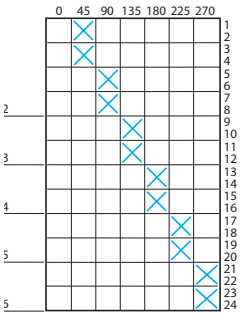
Stepping switches (2 to 6 step), 2-pole, with "0" position

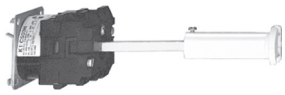


K●●0●●●L



K●●0●●●





K●●5●●●

K●●0●●●X

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
	2 step + "0"				
		Front	Multi-fixing	**K●D012QL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K●D012Q**	0.110/*0.242*
				K●D012QX *(2)*	0.188/*0.414*
		Rear		**K●D512Q**	0.150/*0.331*
	3 step + "0"				
		Front.	Multi-fixing	**K●F013QL**	0.156/*0.344*
			By Ø 22 mm/*0.87 in.* hole	**K●F013Q**	0.140/*0.309*
				K●F013QX *(2)*	0.218/*0.481*
		Rear		**K●F513Q**	0.175/*0.386*
	4 step + "0"				
		Front	Multi-fixing	**K●H014QL**	0.181/*0.399*
			By Ø 22 mm/*0.87 in.* hole	**K●H014Q**	0.165/*0.364*
				K●H014QX *(2)*	0.243/*0.536*
		Rear		**K●H514Q**	0.195/*0.430*
	5 step + "0"				
		Front	Multi-fixing	**K●K015QL**	0.211/*0.465*
			By Ø 22 mm/*0.87 in.* hole	**K●K015Q**	0.195/*0.430*
				K●K015QX *(2)*	0.273/*0.602*
		Rear		**K●K515Q**	0.220/*0.485*
	6 step + "0"				
		Front	Multi-fixing	**K●M016QL**	0.241/*0.531*
			By Ø 22 mm/*0.87 in.* hole	**K●M016Q**	0.225/*0.496*
				K●M016QX *(2)*	0.303/*0.668*
		Rear		**K●M516Q**	0.245/*0.540*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1D012Q**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2D012Q**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

General: page 3/2

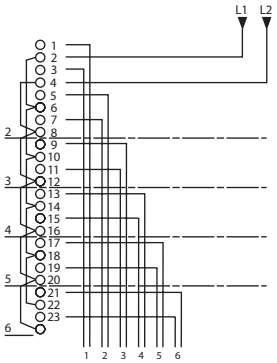
Cam switches

Adaptable sub-assemblies, 12 and 20 A

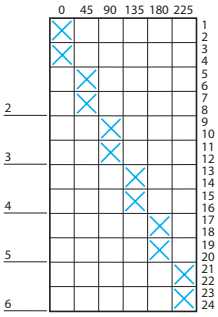
Bodies (contact blocks + fixing plate)

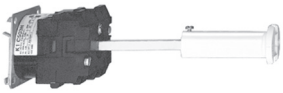
To combine with operating heads: see page 4/34

K●●0●●●L



K●●0●●●





K●●5●●●

K●●0●●●X

Stepping switches (2 to 6 step), 2-pole, without "0" position

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
	2 step				
		Front	Multi-fixing	**K●D012NL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K●D012N**	0.110/*0.242*
				K●D012NX *(2)*	0.188/*0.414*
		Rear		**K●D512N**	0.150/*0.331*
	3 step				
		Front	Multi-fixing	**K●F013NL**	0.156/*0.344*
			By Ø 22 mm/*0.87 in.* hole	**K●F013N**	0.140/*0.309*
				K●F013NX *(2)*	0.218/*0.481*
		Rear		**K●F513N**	0.175/*0.386*
	4 step				
		Front	Multi-fixing	**K●H014NL**	0.181/*0.399*
			By Ø 22 mm/*0.87 in.* hole	**K●H014N**	0.165/*0.364*
				K●H014NX *(2)*	0.243/*0.536*
		Rear		**K●H514N**	0.195/*0.430*
	5 step				
		Front	Multi-fixing	**K●K015NL**	0.211/*0.465*
			By Ø 22 mm/*0.87 in.* hole	**K●K015N**	0.195/*0.430*
				K●K015NX *(2)*	0.273/*0.602*
		Rear		**K●K515N**	0.220/*0.485*
	6 step				
		Front	Multi-fixing	**K●M016NL**	0.241/*0.531*
			By Ø 22 mm/*0.87 in.* hole	**K●M016N**	0.225/*0.496*
				K●M016NX *(2)*	0.303/*0.668*
		Rear		**K●M516N**	0.245/*0.540*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1D012N**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2D012N**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

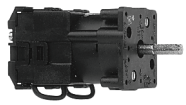
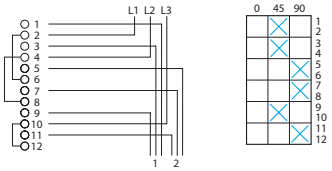
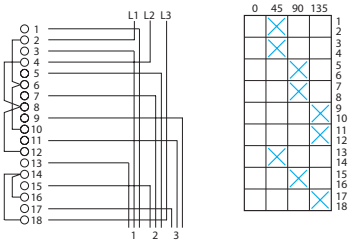
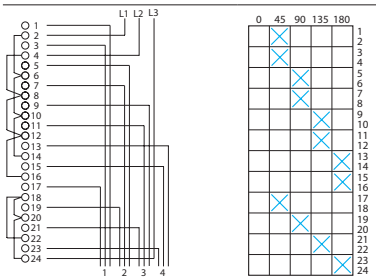
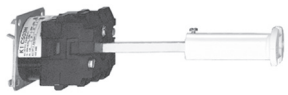
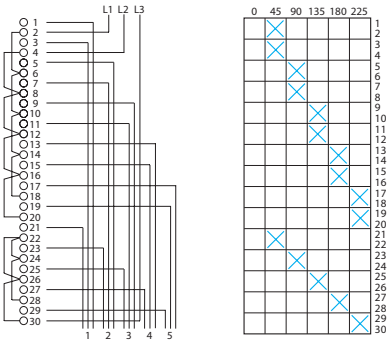
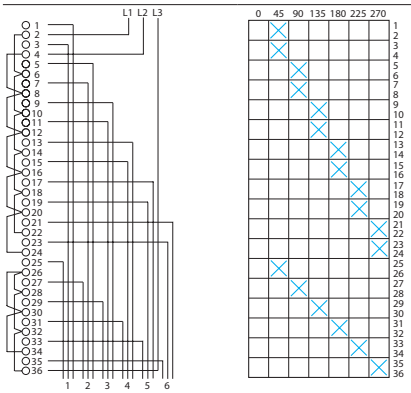
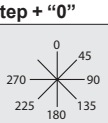
Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

Stepping switches (2 to 6 step), 3-pole, with "0" position

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed (1)	Weight kg/*lb*
 *K●●0●●●L*		**2 step + "0"**	Front	Multi-fixing	**K●F022QL**	0.156/*0.344*
				By Ø 22 mm/ *0.87 in.* hole	**K●F022Q**	0.140/*0.309*
					K●F022QX *(2)*	0.218/*0.481*
			Rear		**K●F522Q**	0.175/*0.386*
		**3 step + "0"**	Front	Multi-fixing	**K●I023QL**	0.201/*0.443*
				By Ø 22 mm/ *0.87 in.* hole	**K●I023Q**	0.185/*0.408*
					K●I023QX *(2)*	0.263/*0.580*
			Rear		**K●I523Q**	0.215/*0.474*
K●●0●●●		**4 step + "0"**	Front	Multi-fixing	**K●M024QL**	0.241/*0.531*
				By Ø 22 mm/ *0.87 in.* hole	**K●M024Q**	0.225/*0.496*
					K●M024QX *(2)*	0.303/*0.668*
			Rear		**K●M524Q**	0.245/*0.540*
 *K●●5●●●*		**5 step + "0"**	Front	Multi-fixing	**K●P025QL**	0.286/*0.630*
				By Ø 22 mm/ *0.87 in.* hole	**K●P025Q**	0.270/*0.595*
					K●P025QX *(2)*	0.348/*0.767*
			Rear		**K●P525Q**	0.285/*0.628*
K●●0●●●X		**6 step + "0"** 	Front	Multi-fixing	**K●S026QL**	0.321/*0.708*
				By Ø 22 mm/ *0.87 in.* hole	**K●S026Q**	0.305/*0.672*
					K●S026QX *(2)*	0.383/*0.844*
			Rear		**K●S526Q**	0.320/*0.705*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1F022Q**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2F022Q**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

General: page 3/2

Schneider Electric

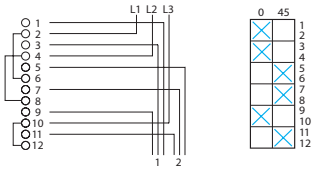
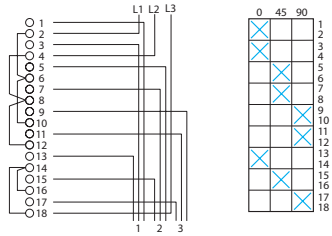
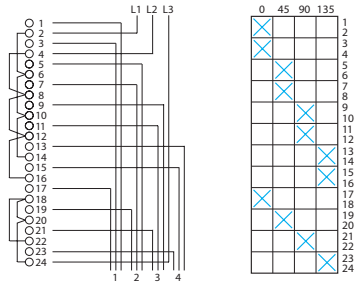
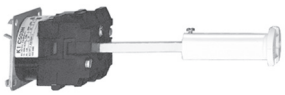
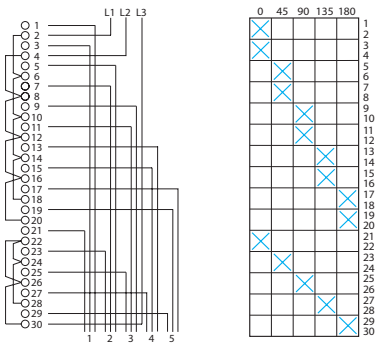
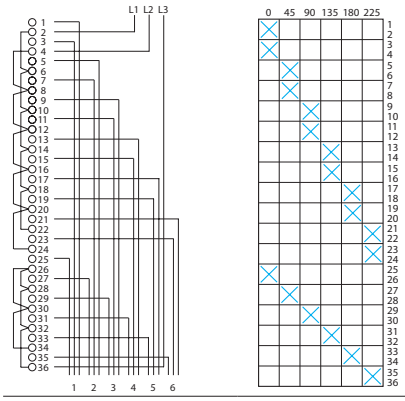
Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

Stepping switches (2 to 6 step), 3-pole, without "0" position

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
K●●0●●●L		**2 step**	Front	Multi-fixing	**K●F022NL**	0.156/*0.344*
				By Ø 22 mm/ *0.87 in.* hole	**K●F022N**	0.140/*0.309*
					K●F022NX *(2)*	0.218/*0.481*
			Rear		**K●F522N**	0.175/*0.386*
		**3 step**	Front	Multi-fixing	**K●I023NL**	0.201/*0.443*
				By Ø 22 mm/ *0.87 in.* hole	**K●I023N**	0.185/*0.408*
					K●I023NX *(2)*	0.263/*0.580*
			Rear		**K●I523N**	0.215/*0.474*
K●●0●●●		**4 step**	Front	Multi-fixing	**K●M024NL**	0.241/*0.531*
				By Ø 22 mm/ *0.87 in.* hole	**K●M024N**	0.225/*0.496*
					K●M024NX *(2)*	0.303/*0.668*
			Rear		**K●M524N**	0.245/*0.540*
 *K●●5●●●*		**5 step**	Front	Multi-fixing	**K●P025NL**	0.286/*0.630*
				By Ø 22 mm/ *0.87 in.* hole	**K●P025N**	0.270/*0.595*
					K●P025NX *(2)*	0.348/*0.767*
			Rear		**K●P525N**	0.285/*0.628*
K●●0●●●X		**6 step**	Front	Multi-fixing	**K●S026NL**	0.321/*0.708*
				By Ø 22 mm/ *0.87 in.* hole	**K●S026N**	0.305/*0.672*
					K●S026NX *(2)*	0.383/*0.844*
			Rear		**K●S526N**	0.320/*0.705*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1F022N**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2F022N**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

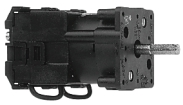
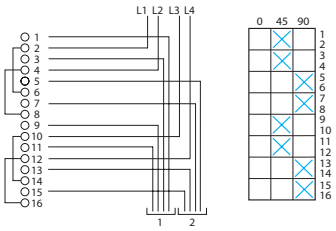
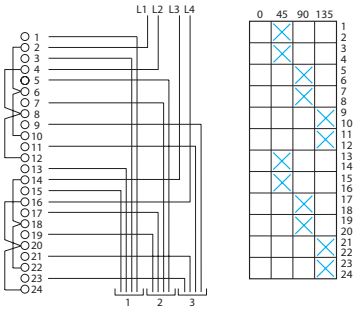
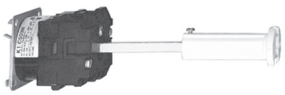
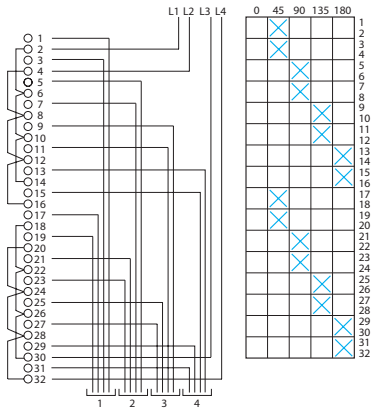
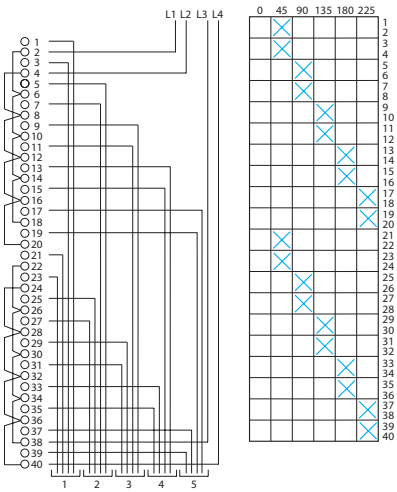
Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

Stepping switches (2 to 5 step), 4-pole, with "0" position

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed (1)	Weight kg/*lb*
 *K●●0●●●L*		**2 step + "0"**	Front	Multi-fixing	**K●H032QL**	0.181/*0.399*
				By Ø 22 mm/ *0.87 in.* hole	**K●H032Q**	0.165/*0.364*
					K●H032QX *(2)*	0.200/*0.441*
			Rear		**K●H532Q**	0.195/*0.430*
K●●0●●●		**3 step + "0"**	Front	Multi-fixing	**K●M033QL**	0.241/*0.531*
				By Ø 22 mm/ *0.87 in.* hole	**K●M033Q**	0.225/*0.496*
			Rear		**K●M533Q**	0.245/*0.540*
 *K●●5●●●*		**4 step + "0"**	Front	Multi-fixing	**K●Q034QL**	0.296/*0.653*
				By Ø 22 mm/ *0.87 in.* hole	**K●Q034Q**	0.280/*0.617*
			Rear		**K●Q534Q**	0.295/*0.650*
K●●0●●●X		**5 step + "0"**	Front	Multi-fixing	**K●U035QL**	0.351/*0.774*
				By Ø 22 mm/ *0.87 in.* hole	**K●U035Q**	0.335/*0.738*
			Rear		**K●U535Q**	0.345/*0.761*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1H032Q**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2H032Q**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

General: page 3/2

Schneider Electric

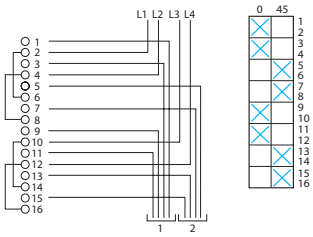
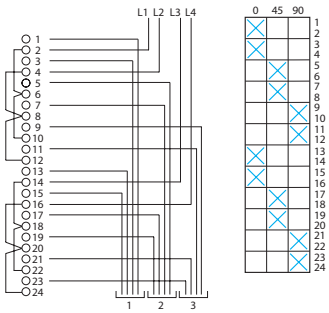
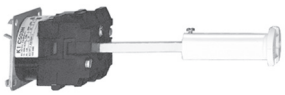
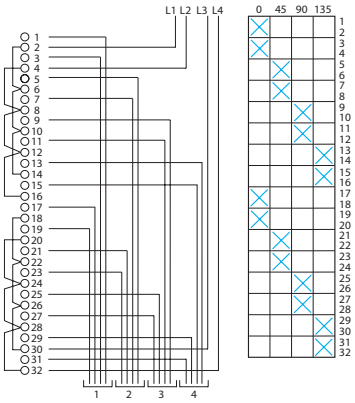
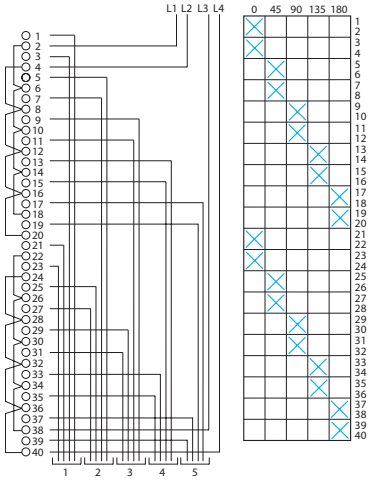
Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

Stepping switches (2 to 5 step), 4-pole, without "0" position

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
K●●0●●●L		**2 step**	Front	Multi-fixing	**K●H032NL**	0.181/*0.399*
				By Ø 22 mm/ *0.87 in.* hole	**K●H032N**	0.165/*0.364*
					K●H032NX *(2)*	0.200/*0.441*
			Rear		**K●H532N**	0.195/*0.430*
K●●0●●●		**3 step**	Front	Multi-fixing	**K●M033NL**	0.241/*0.531*
				By Ø 22 mm/ *0.87 in.* hole	**K●M033N**	0.225/0.496
			Rear		**K●M533N**	0.245/*0.540*
 *K●●5●●●*		**4 step**	Front	Multi-fixing	**K●Q034NL**	0.296/*0.653*
				By Ø 22 mm/ *0.87 in.* hole	**K●Q034N**	0.280/*0.617*
			Rear		**K●Q534N**	0.295/*0.650*
K●●0●●●X		**5 step**	Front	Multi-fixing	**K●U035NL**	0.351/*0.774*
				By Ø 22 mm/ *0.87 in.* hole	**K●U035N**	0.335/*0.738*
			Rear		**K●U535N**	0.345/*0.761*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1H032N**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2H032N**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

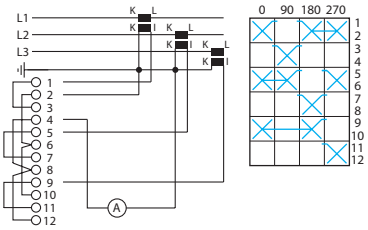
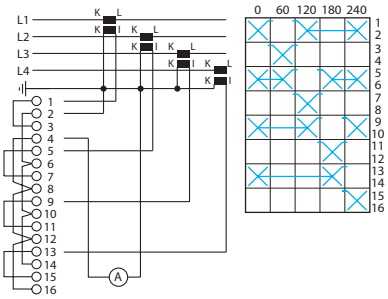
Cam switches

Adaptable sub-assemblies, 12 and 20 A

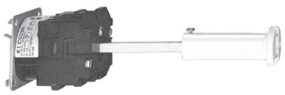
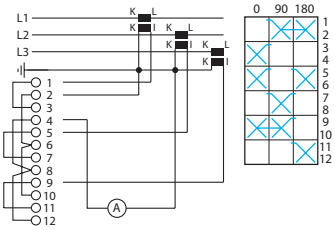
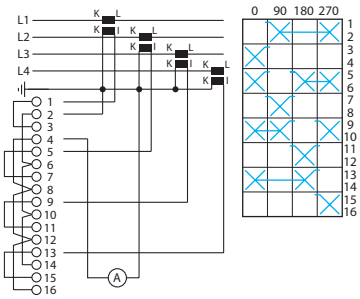
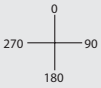
Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

Ammeter switches with "0" position

Wiring diagram	Switching programme	Switch position	Mounting method		Reference (1)	Weight kg/*lb*
For 3 circuits						
K●●0●●●L			Front	Multi-fixing	**K1F003ML**	0.156/*0.344*
				By Ø 22 mm/ *0.87 in.* hole	**K1F003M**	0.140/*0.309*
					K1F003MX *(2)*	0.218/*0.481*
			Rear		**K1F503M**	0.175/*0.386*
For 4 circuits						
K1●0●●●			Front	Multi-fixing	**K1H004ML**	0.181/*0.399*
				By Ø 22 mm/ *0.87 in.* hole	**K1H004M**	0.165/*0.364*
					K1H004MX *(2)*	0.243/*0.536*
			Rear		**K1H504M**	0.195/*0.430*

Ammeter switches without "0" position

Wiring diagram	Switching programme	Switch position	Mounting method		Reference (1)	Weight kg/*lb*
For 3 circuits						
 *K1●5●●●*			Front	Multi-fixing	**K1F013ML**	0.156/*0.344*
				By Ø 22 mm/ *0.87 in.* hole	**K1F013M**	0.140/*0.309*
					K1F013MX *(2)*	0.218/*0.481*
			Rear		**K1F513M**	0.175/*0.386*
For 4 circuits						
K1●0●●●X			Front	Multi-fixing	**K1H014ML**	0.181/*0.399*
				By Ø 22 mm/ *0.87 in.* hole	**K1H014M**	0.165/*0.364*
					K1H014MX *(2)*	0.243/*0.536*
			Rear		**K1H514M**	0.195/*0.430*

(1) Ith = 12 A.

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

General: page 3/2

Schneider Electric

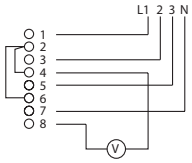
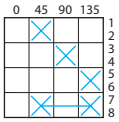
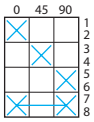
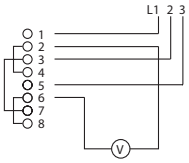
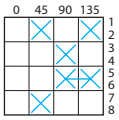
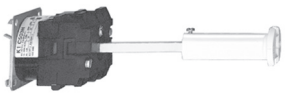
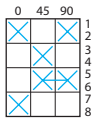
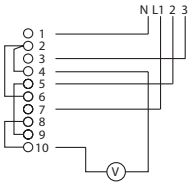
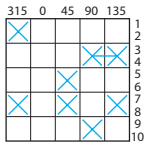
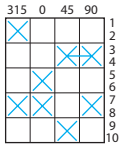
Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

Voltmeter switches

Wiring diagram	Switching programme	Switch position	Mounting method		Reference (1)	Weight kg/*lb*
For measurements between 3 phases and neutral						
K1●0●●●L	**With "0" position**					
			Front	Multi-fixing	**K1D023ML**	0.126/*0.278*
				By Ø 22 mm/ *0.87 in.* hole	**K1D023M**	0.110/*0.242*
					K1D023MX *(2)*	0.188/*0.414*
			Rear		**K1D523M**	0.150/*0.331*
	Without "0" position					
			Front	Multi-fixing	**K1D033ML**	0.126/*0.278*
				By Ø 22 mm/ *0.87 in.* hole	**K1D033M**	0.110/*0.242*
			Rear		**K1D533M**	0.150/*0.331*
For measurements between 3 phases						
K1●0●●●	**With "0" position**					
			Front	Multi-fixing	**K1D024ML**	0.126/*0.278*
				By Ø 22 mm/ *0.87 in.* hole	**K1D024M**	0.110/*0.242*
					K1D024MX *(2)*	0.188/*0.414*
			Rear		**K1D524M**	0.150/*0.331*
	Without "0" position					
 *K1●5●●●*			Front	Multi-fixing	**K1D034ML**	0.126/*0.278*
				By Ø 22 mm/ *0.87 in.* hole	**K1D034M**	0.110/*0.242*
			Rear		**K1D534M**	0.150/*0.331*
For measurements between 3 phases and between 1 phase and neutral						
	**With "0" position**					
			Front	Multi-fixing	**K1E025ML**	0.146/*0.322*
				By Ø 22 mm/ *0.87 in.* hole	**K1E025M**	0.130/*0.287*
					K1E025MX *(2)*	0.208/*0.458*
			Rear		**K1E525M**	0.165/*0.364*
K1●0●●●X	**Without "0" position**					
			Front	Multi-fixing	**K1E035ML**	0.146/*0.322*
				By Ø 22 mm/ *0.87 in.* hole	**K1E035M**	0.130/*0.287*
					K1E535M	0.165/*0.364*

(1) Ith = 12 A.

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●.***

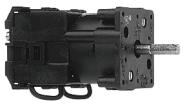
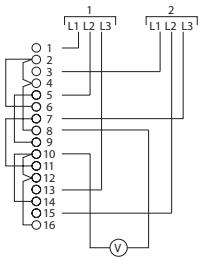
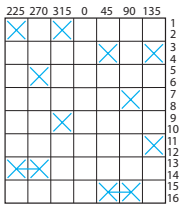
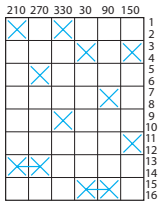
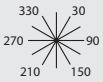
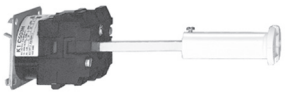
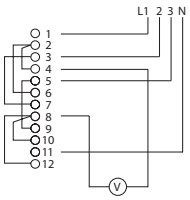
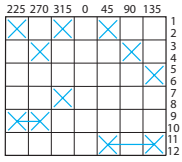
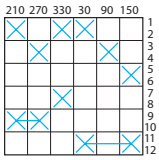
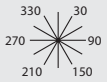
Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

Voltmeter switches (continued)

Wiring diagram	Switching programme	Switch position	Mounting method		Reference (1)	Weight kg/*lb*
For measurements between 3 phases of 2 supplies						
 *K1●0●●●L*	**With "0" position**					
			Front	Multi-fixing	**K1H026ML**	0.181/*0.399*
				By Ø 22 mm/ *0.87 in.* hole	**K1H026M**	0.165/*0.364*
			Rear		**K1H526M**	0.195/*0.430*
K1●0●●●	**Without "0" position**					
			Front	Multi-fixing	**K1H036ML**	0.181/*0.399*
				By Ø 22 mm/ *0.87 in.* hole	**K1H036M**	0.165/*0.364*
			Rear		**K1H536M**	0.195/*0.430*
For measurements between 3 phases and between each of the 3 phases and neutral						
 *K1●5●●●*	**With "0" position**					
			Front	Multi-fixing	**K1F027ML**	0.156/*0.344*
				By Ø 22 mm/ *0.87 in.* hole	**K1F027M**	0.140/*0.309*
					K1F027MX *(2)*	0.218/*0.481*
			Rear		**K1F527M**	0.175/*0.386*
K1●0●●●X	**Without "0" position**					
			Front	Multi-fixing	**K1F037ML**	0.156/*0.344*
				By Ø 22 mm/ *0.87 in.* hole	**K1F037M**	0.140/*0.309*
			Rear		**K1F537M**	0.175/*0.386*

(1) Ith = 12 A.
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

General: page 3/2

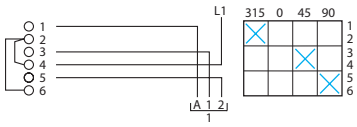
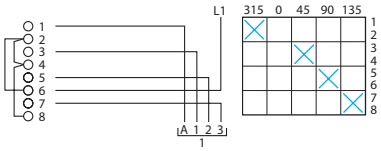
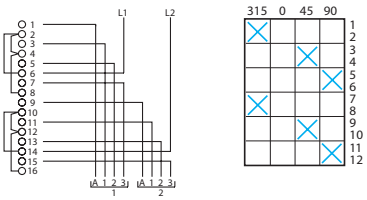
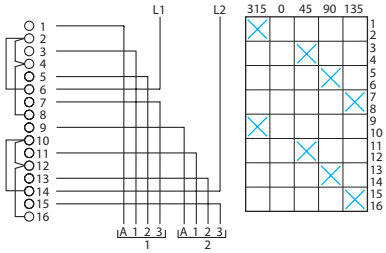
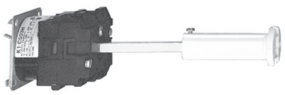
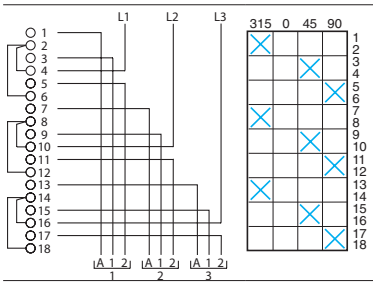
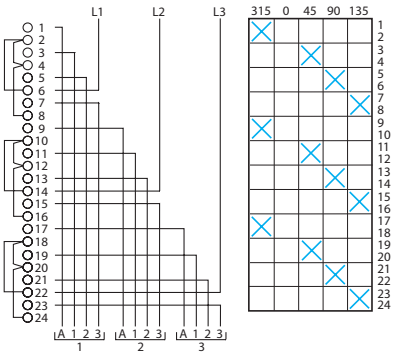
Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

Stepping switches (2 and 3 step), with "0" position + left-hand position

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
K●●0●●●L		**1-pole: 2 step to right + 1 step to left**	Front	Multi-fixing	**K●C002LL**	0.121/*0.267*
				By Ø 22 mm/ *0.87 in.* hole	**K●C002L**	0.105/*0.231*
					K●C002LX *(2)*	0.183/*0.403*
			Rear		**K●C502L**	0.140/*0.309*
		**1-pole: 3 step to right + 1 step to left**	Front	Multi-fixing	**K●D003LL**	0.126/*0.278*
				By Ø 22 mm/ *0.87 in.* hole	**K●D003L**	0.110/*0.242*
					K●D003LX *(2)*	0.188/*0.414*
			Rear		**K●D503L**	0.150/*0.331*
K●●0●●●		**2-pole: 2 step to right + 1 step to left**	Front	Multi-fixing	**K●F012LL**	0.156/*0.344*
				By Ø 22 mm/ *0.87 in.* hole	**K●F012L**	0.140/*0.309*
					K●F012LX *(2)*	0.218/*0.481*
			Rear		**K●F512L**	0.175/*0.386*
		**2-pole: 3 step to right + 1 step to left**	Front	Multi-fixing	**K●H013LL**	0.181/*0.399*
				By Ø 22 mm/ *0.87 in.* hole	**K●H013L**	0.165/*0.364*
					K●H013LX *(2)*	0.243/*0.536*
			Rear		**K●H513L**	0.195/*0.430*
 *K●●5●●●*		**3-pole: 2 step to right + 1 step to left**	Front	Multi-fixing	**K●I022LL**	0.201/*0.443*
				By Ø 22 mm/ *0.87 in.* hole	**K●I022L**	0.185/*0.408*
			Rear		**K●I522L**	0.210/*0.463*
K●●0●●●X		**3-pole: 3 step to right + 1 step to left**	Front	Multi-fixing	**K●M023LL**	0.241/*0.531*
				By Ø 22 mm/ *0.87 in.* hole	**K●M023L**	0.225/*0.496*
			Rear		**K●M523L**	0.245/*0.540*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1C022Q**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2C022Q**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

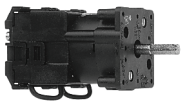
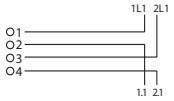
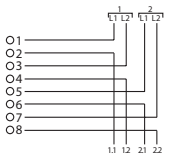
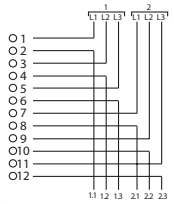
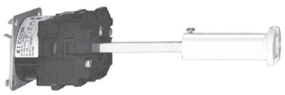
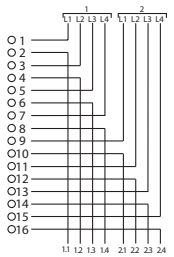
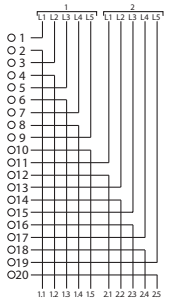
Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

Multi-circuit switches

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
1-pole						
 *K●●0●●●L*			Front	Multi-fixing	**K●B001SL**	0.101/*0.223*
				By Ø 22 mm/ *0.87 in.* hole	**K●B001S**	0.085/*0.187*
					K●B001SX *(2)*	0.163/*0.359*
			Rear		**K●B501S**	0.125/*0.275*
2-pole						
			Front	Multi-fixing	**K●D002SL**	0.126/*0.278*
				By Ø 22 mm/ *0.87 in.* hole	**K●D002S**	0.110/*0.242*
					K●D002SX *(2)*	0.188/*0.414*
			Rear		**K●D502S**	0.150/*0.331*
3-pole						
K●●0●●●			Front	Multi-fixing	**K●F003SL**	0.156/*0.344*
				By Ø 22 mm/ *0.87 in.* hole	**K●F003S**	0.140/*0.309*
					K●F003SX *(2)*	0.218/*0.481*
			Rear		**K●F503S**	0.175/*0.386*
4-pole						
 *K●●5●●●*			Front	Multi-fixing	**K●H004SL**	0.181/*0.399*
				By Ø 22 mm/ *0.87 in.* hole	**K●H004S**	0.165/*0.364*
			Rear		**K●H504S**	0.195/*0.430*
5-pole						
K●●0●●●X			Front	Multi-fixing	**K●K005SL**	0.211/*0.465*
				By Ø 22 mm/ *0.87 in.* hole	**K●K005S**	0.195/*0.430*
			Rear		**K●K505S**	0.220/*0.485*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1F003S**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2F003S**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

General: page 3/2

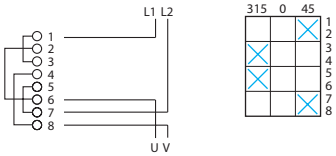
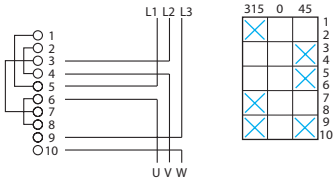
Cam switches

Adaptable sub-assemblies, 12 and 20 A

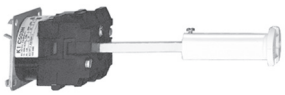
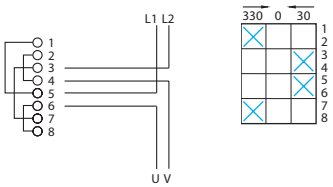
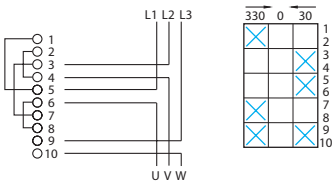
Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

Reversing switches with "0" position

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed (1)	Weight kg/*lb*
2-pole						
K●●0●●●L			Front	Multi-fixing	**K●D002WL**	0.126/*0.278*
				By Ø 22 mm/ *0.87 in.* hole	**K●D002W**	0.110/*0.242*
					K●D002WX *(2)*	0.188/*0.414*
			Rear		**K●D502W**	0.150/*0.331*
3-pole						
K●●0●●●			Front	Multi-fixing	**K●E003WL**	0.146/*0.322*
				By Ø 22 mm/ *0.87 in.* hole	**K●E003W**	0.130/*0.287*
					K●E003WX *(2)*	0.208/*0.458*
			Rear		**K●E503W**	0.165/*0.364*

Reversing switches with spring return from 330° and from 30° to "0" position

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed (1)	Weight kg/*lb*
2-pole						
 K●●5●●●			Front	Multi-fixing	**K●D022WL**	0.126/*0.278*
				By Ø 22 mm/ *0.87 in.* hole	**K●D022W**	0.110/*0.242*
					K●D022WX *(2)*	0.188/*0.414*
			Rear		**K●D522W**	0.150/*0.331*
3-pole						
K●●0●●●X			Front	Multi-fixing	**K●E023WL**	0.146/*0.322*
				By Ø 22 mm/ *0.87 in.* hole	**K●E023W**	0.130/*0.287*
					K●E023WX *(2)*	0.208/*0.458*
			Rear		**K●E523W**	0.165/*0.364*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1D002W**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2D002W**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

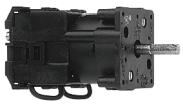
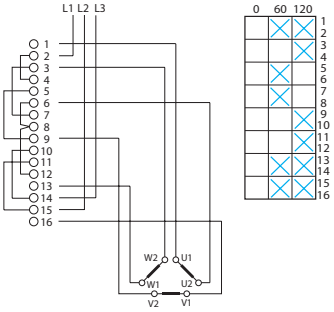
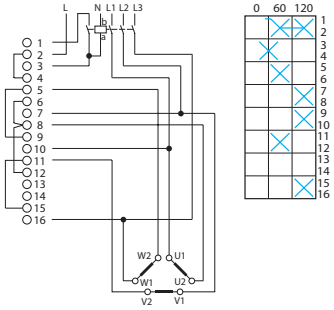
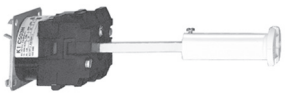
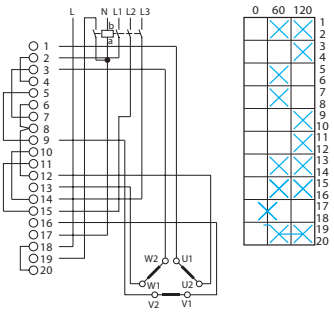
Cam switches

Adaptable sub-assemblies, 12 A

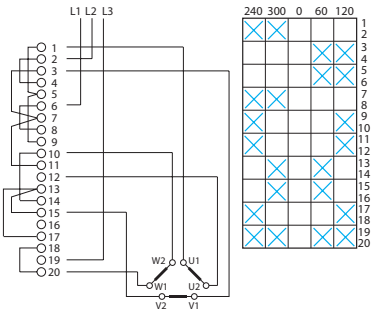
Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

Star-delta switches

Wiring diagram	Switching programme	Switch position	Mounting method		Reference (1)	Weight kg/*lb*
 *K2●0●●●L*			Front	Multi-fixing	**K2H001YL**	0.181/*0.399*
				By Ø 22 mm/ *0.87 in.* hole	**K2H001Y**	0.165/*0.364*
					K2H001YX *(2)*	0.243/*0.536*
			Rear		**K2H501Y**	0.195/*0.430*
With slave contact, without supply disconnection						
K2●0●●●			Front	Multi-fixing	**K2G003YL**	0.176/*0.388*
				By Ø 22 mm/ *0.87 in.* hole	**K2G003Y**	0.160/*0.353*
					K2G003YX *(2)*	0.238/*0.525*
			Rear		**K2G503Y**	0.190/*0.419*
With slave contact, with supply disconnection						
 *K2●5●●●*			Front	Multi-fixing	**K2K004YL**	0.211/*0.465*
				By Ø 22 mm/ *0.87 in.* hole	**K2K004Y**	0.195/*0.430*
					K2K004YX *(2)*	0.273/*0.602*
			Rear		**K2K504Y**	0.220/*0.485*

Reversing star-delta switches

Wiring diagram	Switching programme	Switch position	Mounting method		Reference (1)	Weight kg/*lb*
Without slave contact						
K2●0●●●X			Front	Multi-fixing	**K2K006YL**	0.211/*0.465*
				By Ø 22 mm/ *0.87 in.* hole	**K2K006Y**	0.195/*0.430*
			Rear		**K2K506Y**	0.220/*0.485*

(1) Ith = 20 A.

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

General: page 3/2

Schneider Electric

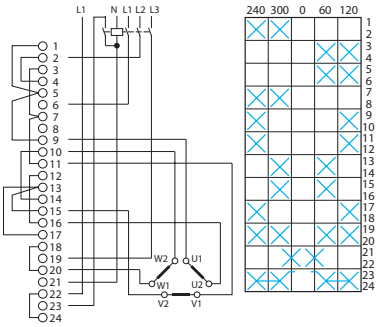
Cam switches

Adaptable sub-assemblies, 12 and 20 A

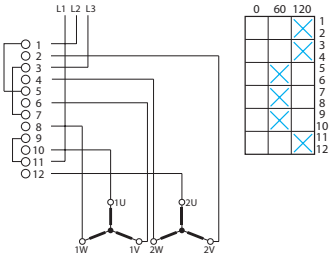
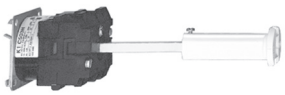
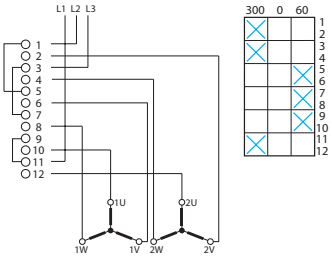
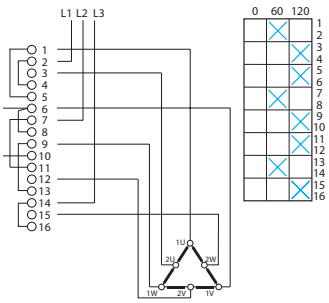
Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

Reversing star-delta switches (continued)

Wiring diagram	Switching programme	Switch position	Mounting method		Reference (2)	Weight kg/*lb*
With slave contact						
K●●0●●●L			Front	Multi-fixing	**K2M007YL**	0.241/*0.531*
				By Ø 22 mm/ *0.87 in.* hole	**K2M007Y**	0.225/*0.496*
			Rear		**K2M507Y**	0.245/*0.540*

Pole change switches for 2-speed motors

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed (1)	Weight kg/*lb*
For motors with 2 separate windings						
K●●0●●●			Front	Multi-fixing	**K●F001PL**	0.156/*0.344*
				By Ø 22 mm/ *0.87 in.* hole	**K●F001P**	0.140/*0.309*
					K●F001PX *(3)*	0.218/*0.481*
			Rear		**K●F501P**	0.175/*0.386*
For motors with 2 separate windings, with centre "0" position						
 *K●●5●●●*			Front	Multi-fixing	**K●F002PL**	0.156/*0.344*
				By Ø 22 mm/ *0.87 in.* hole	**K●F002P**	0.140/*0.309*
					K●F002PX *(3)*	0.218/*0.481*
			Rear		**K●F502P**	0.175/*0.386*
For motors with tapped "Dahlander" windings						
K●●0●●●X			Front	Multi-fixing	**K●H004PL**	0.181/*0.399*
				By Ø 22 mm/ *0.87 in.* hole	**K●H004P**	0.165/*0.364*
					K●H004PX *(3)*	0.243/*0.536*
			Rear		**K●H504P**	0.195/*0.430*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1F001P**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2F001P**.*
(2) Ith = 20 A.
*(3) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

Cam switches

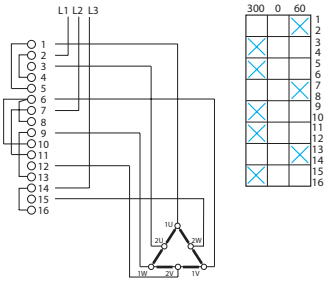
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

Pole change switches for 2-speed motors (continued)

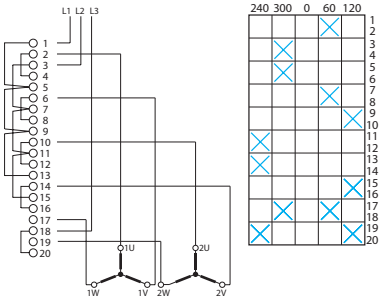
K●●0●●●L



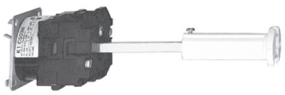
Wiring diagram	Switching programme	Switch position	Mounting method	Reference to be completed *(1)*	Weight kg/*lb*
For motors with tapped "Dahlander" windings, with centre "0" position					
		Front	Multi-fixing	**K●H005PL**	0.181/*0.399*
			By Ø 22 mm/ *0.87 in.* hole	**K●H005P**	0.165/*0.364*
				K●H005PX *(2)*	0.243/*0.536*
		Rear		**K●H505P**	0.195/*0.430*

Reversing pole change switches for 2-speed motors

K●●0●●●

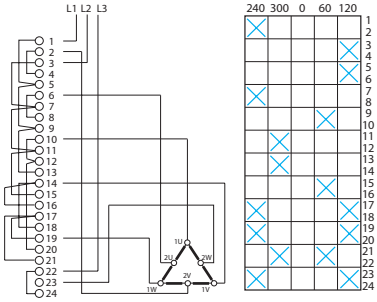


Wiring diagram	Switching programme	Switch position	Mounting method	Reference to be completed *(1)*	Weight kg/*lb*
For motors with 2 separate windings, with centre "0" position					
		Front	Multi-fixing	**K●K008PL**	0.211/*0.465*
			By Ø 22 mm/ *0.87 in.* hole	**K●K008P**	0.195/*0.430*
		Rear		**K●K508P**	0.220/*0.485*



K●●5●●●

For motors with tapped "Dahlander" windings, with centre "0" position



Wiring diagram	Switching programme	Switch position	Mounting method	Reference to be completed *(1)*	Weight kg/*lb*
For motors with tapped "Dahlander" windings, with centre "0" position					
		Front	Multi-fixing	**K●M009PL**	0.241/*0.531*
			By Ø 22 mm/ *0.87 in.* hole	**K●M009P**	0.225/0.496
		Rear		**K●M509P**	0.245/*0.540*

K●●0●●●X

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1H005P**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2H005P**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

General: page 3/2

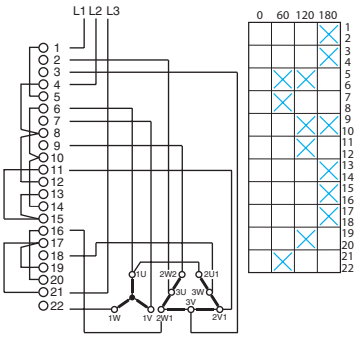
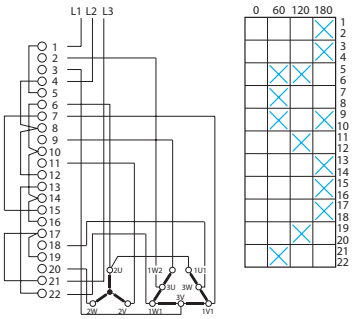
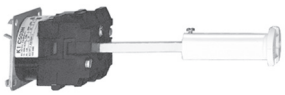
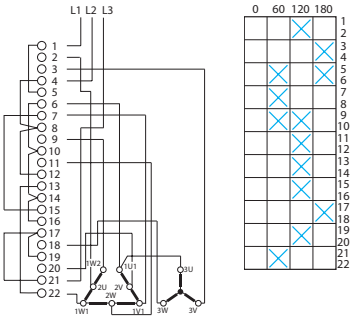
Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

To combine with operating heads: see page 4/34

Pole change switches for 3-speed motors

Wiring diagram	Switching programme	Switch position	Mounting method	Reference to be completed *(1)*	Weight kg/*lb*
For motors with open tapped "Dahlander" winding and separate winding for low speed					
K●●0●●●L			Front Multi-fixing	**K●L010PL**	0.231/*0.509*
			By Ø 22 mm/ *0.87 in.* hole	**K●L010P**	0.215/*0.474*
			Rear	**K●L510P**	0.240/*0.529*
For motors with open tapped "Dahlander" winding and separate winding for intermediate speed					
K●●0●●●			Front Multi-fixing	**K●L011PL**	0.231/*0.509*
			By Ø 22 mm/ *0.87 in.* hole	**K●L011P**	0.215/*0.474*
			Rear	**K●L511P**	0.240/*0.529*
For motors with open tapped "Dahlander" winding and separate winding for high speed					
 *K●●5●●●*			Front Multi-fixing	**K●L012PL**	0.231/*0.509*
			By Ø 22 mm/ *0.87 in.* hole	**K●L012P**	0.215/*0.474*
			Rear	**K●L512P**	0.240/*0.529*
K●●0●●●X					

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1L010P**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2L010P**.*

Cam switches

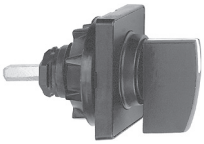
Adaptable sub-assemblies, 12 and 20 A

Operating heads

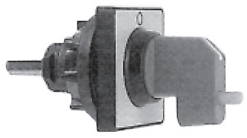
To combine with bodies: see pages 4/2 to 4/33

KBG3H

KCG3Y

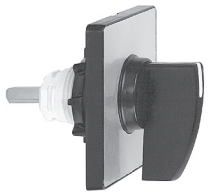


KAC1H



KCC1Y

KBC1●



KBD1H

Heads for "multi-fixing" front mounting bodies

Description	Switching angle and marking	Type of operator	Background colour of legend	Padlocking device	Reference	Weight kg/*lb*
With 45 x 45 mm/*1.77 x 1.77 in.* front plate and handle						
With blank legend (for engraving by user)	–	Black handle L = 35 mm/*1.38 in.*	Matt black	Without	**KAG3H**	0.012/*0.026*
			Metallic	Without	**KBG3H**	0.012/*0.026*
With marked legend	90°	Red handle L = 35 mm/*1.38 in.*	Yellow	Without	**KCG3H**	0.012/*0.026*
				With	**KCG3Y**	0.024/*0.053*
Without legend *(1)*	–	Black handle L = 35 mm/*1.38 in.*	–	Without	**KDG3H**	0.010/*0.022*
		Red handle L = 35 mm/*1.38 in.*	–	With	**KDG3Y**	0.022/*0.048*

Heads for Ø 22 mm/*0.87 in.* hole, front mounting bodies

Description	Switching angle and marking	Type of operator	Background colour of legend	Padlocking device	Reference	Weight kg/*lb*
With 45 x 45 mm/*1.77 x 1.77 in.* front plate and handle						
With blank legend (for engraving by user)	–	Black handle L = 35 mm/*1.38 in.*	Matt black	Without	**KAC1H**	0.048/*0.106*
			Metallic	Without	**KBC1H**	0.048/*0.106*
With marked legend	45°	Black handle L = 35 mm/*1.38 in.*	Matt black	Without	**KAC1H41**	0.012/*0.026*
			Metallic	Without	**KBC1H41**	0.012/*0.026*
	45°	Black handle L = 35 mm/*1.38 in.*	Matt black	Without	**KAC1H48**	0.012/*0.026*
			Metallic	Without	**KBC1H48**	0.012/*0.026*
	60°	Black handle L = 35 mm/*1.38 in.*	Matt black	Without	**KAC1H61**	0.048/*0.106*
			Metallic	Without	**KBC1H61**	0.048/*0.106*
	90°	Red handle L = 35 mm/*1.38 in.*	Yellow	Without	**KCC1LH**	0.048/*0.106*
				With	**KCC1Y**	0.060/*0.132*
Without legend *(1)*	–	Black handle L = 35 mm/*1.38 in.*	–	Without	**KDC1H**	0.046/*0.101*
		Red handle L = 35 mm/*1.38 in.*	–	Without	**KDC1LH**	0.046/*0.101*
With 45 x 45 mm/*1.77 x 1.77 in.* front plate and key operator *(2)*						
With blank legend (for engraving by user)	45° and 90°	Key *(2)*	Matt black	Without	**KAC1S**	0.063/*0.139*
			Metallic	Without	**KBC1S**	0.063/*0.139*
	60°	Key *(2)*	Matt black	Without	**KAC1Z**	0.063/*0.139*
			Metallic	Without	**KBC1Z**	0.063/*0.139*
Without legend *(1)*	45° and 90°	Key *(2)*	–	Without	**KDC1S**	0.061/*0.134*
	60°	Key *(2)*	–	Without	**KDC1Z**	0.061/*0.134*
With 60 x 60 mm/*2.36 x 2.36 in.* front plate and handle						
With blank legend (for engraving by user)	–	Black handle L = 42 mm/*1.65 in.*	Matt black	Without	**KAD1H**	0.053/*0.117*
			Metallic	Without	**KBD1H**	0.053/*0.117*
With marked legend	90°	Red handle L = 42 mm/*1.65 in*	Yellow	Without	**KCD1MH**	0.053/*0.117*
Without legend *(1)*	–	Black handle L = 42 mm/*1.65 in*	–	Without	**KDD1H**	0.053/*0.117*

(1) For separate marked legend ordering information, see pages 4/36 to 4/39.
*(2) Head supplied with "Ronis" 8R1 key. To order a head with a "Ronis" 455 key, add the suffix **R** to the references listed above. Example: reference for Ø 22 mm/0.87 in. hole, front mounting 45 x 45 mm/1.77 x 1.77 in. operating head with 45° switching angle and matt black legend, becomes **KAC1SR**. For a head with "Ronis" 8R15 key, use the suffix **R1**.*

General: page 3/2

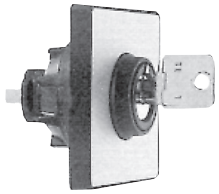
Schneider Electric

Cam switches

Adaptable sub-assemblies, 12 and 20 A

Operating heads

To combine with bodies: see pages 4/2 to 4/33



KBD1●

KBA1H

KBA1●

KAXZ1C12

KBE1H

Heads for Ø 22 mm/*0.87 in.* hole, front mounting bodies (continued)

Description	Switching angle and marking	Type of operator	Background colour of legend	Padlocking device	Reference	Weight kg/*lb*
With 60 x 60 mm/*2.36 x 2.36 in.* front plate and key operator *(1)*						
With blank legend (to be engraved by user)	45° and 90°	Key *(1)*	Matt black	Without	**KAD1S**	0.068/*0.150*
			Metallic	Without	**KBD1S**	0.068/*0.150*
	60°	Key *(1)*	Matt black	Without	**KAD1Z**	0.068/*0.150*
			Metallic	Without	**KBD1Z**	0.068/*0.150*
Without legend *(2)*	45° and 90°	Key *(1)*	–	Without	**KDD1S**	0.066/*0.145*
	60°	Key *(1)*	–	Without	**KDD1Z**	0.066/*0.145*

Description	Switching angle and marking	Type of operator	Colour of bezel	Padlocking device	Reference	Weight kg/*lb*
With Ø 29 mm/*1.14 in.*, metallic finish, plastic bezel and handle or key operator *(1)*						
Circular heads	–	Black handle L = 35 mm/*1.38 in.*	Matt black	Without	**KAA1H**	0.042/*0.093*
			Metallic	Without	**KBA1H**	0.042/*0.093*
	45°	Key *(1)*	Matt black	Without	**KAA1S**	0.057/*0.126*
			Metallic	Without	**KBA1S**	0.057/*0.126*
	60°	Key *(1)*	Matt black	Without	**KAA1Z**	0.057/*0.126*
			Metallic	Without	**KBA1Z**	0.057/*0.126*
With Ø 38 mm /*1.50 in.*, black, plastic bezel and handle						
Circular head	–	Black handle L = 35 mm/*1.38 in.*	Matt black	Without	**KAA2H**	0.048/*0.106*
With Ø 28.5 mm/*1.12 in.*, chromium plated, metal bezel *(3) (2)* **and standard, handle, long handle or key operator** *(4)*						
Circular heads	–	Standard black handle	Metal	Without	**KAXZ1M12**	0.040/*0.088*
		Standard red handle	Metal	Without	**KAXZ1M14**	0.040/*0.088*
		Long black handle	Metal	Without	**KAXZ1C12**	0.040/*0.088*
		Long red handle	Metal	Without	**KAXZ1C14**	0.040/*0.088*
	30°	Key	Metal	Without	**KAXZ1S13●** *(4)*	0.065/*0.143*
	45°	Key	Metal	Without	**KAXZ1S14●** *(4)*	0.065/*0.143*
	60°	Key	Metal	Without	**KAXZ1S16●** *(4)*	0.065/*0.143*
	90°	Key	Metal	Without	**KAXZ1S19●** *(4)*	0.065/*0.143*

Operating heads for 4 hole, rear mounting bodies

Description	Switching angle and marking	Type of operator	Background colour of legend	Padlocking device	Reference	Weight kg/*lb*
With 45 x 45 mm/*1.77 x 1.77 in.* front plate and handle						
With blank legend (to be engraved by user)	–	Black handle L = 35 mm/*1.38 in.*	Matt black	Without	**KAE1H**	0.029/*0.064*
			Metallic	Without	**KBE1H**	0.029/*0.064*
With marked legend	90°	Red handle L = 35 mm/*1.38 in.*	Yellow	Without	**KCE1LH**	0.029/*0.064*
				With	**KCE1Y**	0.060/*0.132*
Without legend *(2)*	–	Black handle L = 35 mm/*1.38 in.*	–	Without	**KDE1H**	0.027/*0.059*
		Red handle L = 35 mm/*1.38 in.*	–	Without	**KDE1LH**	0.027/*0.059*
With 60 x 60 mm/*2.36 x 2.36 in.* front plate and handle						
With blank legend (to be engraved by user)	–	Black handle L = 42 mm/*1.65 in*	Matt black	Without	**KAF1H**	0.068/*0.150*
			Metallic	Without	**KBF1H**	0.068/*0.150*
With marked legend	90°	Red handle L = 42 mm/*1.65 in*	Yellow	Without	**KCF1MH**	0.068/*0.150*
Without legend *(2)*	–	Black handle L = 42 mm/*1.65 in*		Without	**KDF1H**	0.066/*0.145*

*(1) Head supplied with "Ronis" 8R1 key. To order a head with a "Ronis" 455 key, add the suffix **R** to the references listed above. Example: reference for operating head with 60 x 60 mm/2.36 x 2.36 in. front plate, key operator, blank legend, 45° switching angle and matt black background, becomes **KAD1SR**. For a head with "Ronis" 8R15 key, use the suffix **R1**.*

(2) For separate marked legend ordering information, see pages 4/36 to 4/39.

*(3) Heads **only** for use with bodies K●●●●●●X, incorporating adaptor plate **KZ127**. See pages 4/2 to 4/32.*

(4) To order:
- *a head with key n° 455, replace the ● in the reference by **1**. Example: **KAXZ1S131**,*
- *a head with key n° 421, replace the ● in the reference by **2**. Example: **KAXZ1S132**,*
- *a head with key n° 520, replace the ● in the reference by **3**. Example: **KAXZ1S133**,*
- *a head with a special key, replace the ● in the reference by **9**. Example: **KAXZ1S139** (state the key number on the order). Key withdrawal from all positions.*

Cam switches

Adaptable sub-assemblies, 12 and 20 A

Legends for **MULTI-FIXING** heads

45 x 45 mm/*1.77 x 1.77 in.* legends - marked *(1)*

White text on black background

30°

KZ18032L

KZ18033L

KZ18312L

45°

KZ18041L

KZ18042L

KZ18043L

KZ18044L

KZ18045L

KZ18046L

KZ18047L

KZ18048L

KZ18412L

KZ18413L

KZ18415L

KZ18416L

KZ18417L

KZ18418L

KZ18419L

KZ18420L

KZ18421L

KZ18422FL

KZ18423FL

KZ18434L

KZ18436FL

KZ18451L

60°

KZ18061L

KZ18630L

KZ18631L

KZ18632L

KZ18634L

KZ18635L

KZ18637L

KZ18068L

90°

KZ18091L

KZ18093L

KZ18913L

KZ18931FL

Black text on yellow background

45°

KZ19041L

90°

KZ19093L

KZ19098FL

KZ19910L

45 x 45 mm/*1.77 x 1.77 in.* legends - unmarked

Colour	Sold in lots of	Unit reference	Weight kg/*lb*
Black	20	KZ17L	0.003/*0.007*
Metallic	20	KZ18L	0.003/*0.007*
Yellow	10	KZ19L	0.003/*0.007*

(1) Weight = 0.003 kg/0.007 lb.

Cam switches

Adaptable sub-assemblies, 12 and 20 A

Legends for **Ø 22 mm HOLE** mounting heads with plastic bezel

45 x 45 mm/*1.77 x 1.77 in.* legends - marked *(1)*

Black text on metallic background

30°

KZ18032

KZ18312

45°

KZ18041

KZ18042

KZ18043

KZ18044

KZ18045

KZ18046

KZ18047

KZ18048

KZ18412

KZ18413

KZ18415

KZ18416

KZ18417

KZ18418

KZ18419

KZ18420

KZ18421

KZ18422F

KZ18423F

KZ18434

KZ18436F

KZ18451

60°

KZ18061

KZ18630

KZ18631

KZ18632

KZ18634

KZ18635

KZ18637

KZ18068

90°

KZ18091

KZ18093

KZ18913

KZ18931F

Black text on yellow background

45°

KZ19041

90°

KZ19093

KZ19098F

KZ19910

45 x 45 mm/*1.77 x 1.77 in.*. legends - unmarked

Colour	Sold in lots of	Unit reference	Weight kg/*lb*
Black	20	KZ17	0.003/*0.007*
Metallic	20	KZ18	0.003/*0.007*
Yellow	10	KZ19	0.003/*0.007*

60 x 60 mm/*2.36 x 2.36 in.* legends - marked *(2)*

Black text on metallic background

45°

KZ21041

KZ21412

KZ21048

KZ21451

60°

KZ21635

KZ21637

90°

KZ21910

KZ21093

60 x 60 mm/*2.36 x 2.36 in.* legends - unmarked

Colour	Sold in lots of	Unit reference	Weight kg/*lb*
Black	20	KZ20	0.003/*0.007*
Metallic	20	KZ21	0.003/*0.007*
Yellow	10	KZ22	0.003/*0.007*

(1) Weight = 0.003 kg/0.007 lb.
(2) Weight = 0.005 kg/0.011 lb.

Cam switches

Adaptable sub-assemblies, 12 and 20 A

Legends for **Ø 22 mm HOLE** mounting heads
with chromium plated metal bezel, type KAXZ1●●●

46 x 46 mm - marked (PVC) *(1)*

White text on black background

30°

XBCY7226

XBCY7227

XBCY7228

XBCY7229

XBCY7236

XBCY2250

XBCY7238

XBCY7239

45°

XBCY7220

XBCY7221

XBCY7222

XBCY7223

XBCY7224

XBCY7225

XBCY7230

XBCY7231

XBCY7232

XBCY7233

XBCY7234

XBCY7235

XBCY2213

XBCY2214

XBCY2215

XBCY2216

XBCY7217

XBCY7251

60°

XBCY7212

XBCY7240

XBCY7241

XBCY7242

XBCY7243

XBCY7268

XBCY7168

XBCY7064

90°

XBCY2211

XBCY2218

XBCY2219

46 x 46 mm legends - unmarked (PVC)

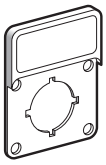
Colour	Sold in lots of	Unit reference	Weight kg/*lb*
Black/red	**10**	**KZ17X**	0.004/*0.009*
White/yellow	**10**	**KZ19X**	0.004/*0.009*

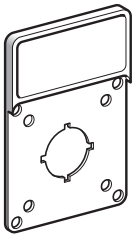
(1) Weight = 0.004 kg/0.009 lb.

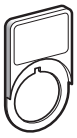
Cam switches

Adaptable sub-assemblies, 12 and 20 A

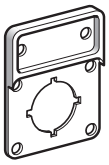
Legend holders for heads


KZ13

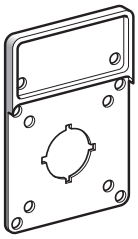

KZ15

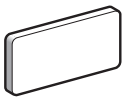

KZ01R

KZ2


KZ14

KZ76


KZ16


KZ77

Legend holders with and without legend					
Description	**For use with heads**	**Legend marking**	**Sold in lots of**	**Unit reference**	**Weight kg/*lb***
With blank legend	With 45 x 45 mm/*1.77 x 1.77 in.* front plate *(1)*	–	5	**KZ13**	0.004/*0.009*
	With 60 x 60 mm/*2.36 x 2.36 in.* front plate *(1)*	–	5	**KZ15**	0.010/*0.022*
	Circular, with Ø 29 mm/*1.14 in.* collar	–	5	**KZ01R**	0.010/*0.022*
With marked legend	Circular, with Ø 29 mm/*1.14 in.* collar	1 2	1	**KZ1**	0.003/*0.007*
		2 0 1	5	**KZ2**	0.003/*0.007*
Without legend	With 45 x 45 mm/*1.77 x 1.77 in.* front plate *(1)*	–	20	**KZ14**	0.003/*0.007*
	With 60 x 60 mm/*2.36 x 2.36 in.* front plate *(1)*	–	10	**KZ16**	0.007/*0.015*

Blank legends (for engraving) for legend holders				
Description	**For use with heads**	**Sold in lots of**	**Unit reference**	**Weight kg/*lb***
Legend for legend holder **KZ14** Plastic with metallic finish. Self-adhesive. For engraved markings.	With 45 x 45 mm/*1.77 x 1.77 in.* front plate *(1)*	20	**KZ76**	0.002/*0.004*
Legend for legend holder **KZ16** Plastic with metallic finish. Self-adhesive. For engraved markings.	With 60 x 60 mm/*2.36 x 2.36 in.* front plate *(1)*	10	**KZ77**	0.003/*0.007*

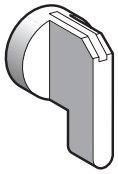
(1) Operating heads for single Ø 22 mm/0.87 in. hole or 4 hole mounting.

Cam switches

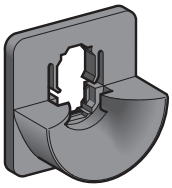
Complete switches, 12 and 20 A

Separate components and accessories

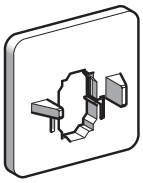
KZ27H



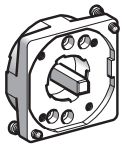
KZ27



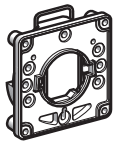
KZ32



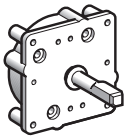
KZ83



KZ127



KZ140



KZ141

Handles

Description	Colour	Dimensions	Sold in lots of	Unit reference	Weight
		mm/*in.*			kg/*lb*
New shape	Black	35/*1.38*	5	**KZ27H**	0.007/*0.015*
		42/*1.65*	5	**KZ28H**	0.009/*0.020*
	Red	35/*1.38*	5	**KZ41H**	0.007/*0.015*
		42/*1.65*	5	**KZ42H**	0.009/*0.020*
Old shape	Black	34/*1.34*	5	**KZ27**	0.007/*0.015*
		42/*1.65*	5	**KZ28**	0.009/*0.020*

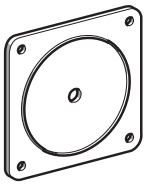
Accessories

Description	For use with	Dimensions	Sold in lots of	Unit reference	Weight
		mm/*in.*			kg/*lb*
Door interlocking plate	Rear mounting switches	45 x 45/ *1.77 x 1.77*	5	**KZ32**	0.010/*0.022*
Plate with rubber seal	Rear mounting switches. IP 65 between front plate and operating head	60 x 60/ *2.36 x 2.36*	5	**KZ83**	0.018/*0.040*
Adaptor plate, metal (replacement)	Mounting KAXZ1●●● chromium plated metal bezel heads on front mounting bodies for Ø 22 mm/*0.87 in.* hole	–	1	**KZ127**	0.088/*0.194*
Plastic plate (replacement)	Ø 22 mm/*0.87 in.* hole, front mounting, clip-in bodies	–	1	**KZ140**	0.010/*0.022*
Multi-fixing plate (replacement)	"Multi-fixing", front mounting, bodies	–	1	**KZ141**	0.026/*0.057*

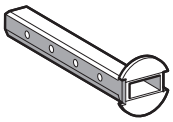
Cam switches

Complete switches, 12 and 20 A

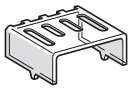
Separate components and accessories



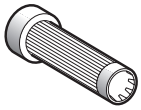
KZ6●



KZ5●



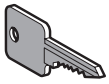
KZ3●



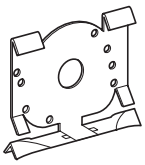
Z01

KZ30

KZ93

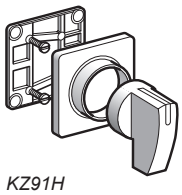


Z18



KZ31

KZ95



KZ91H

Accessories (continued)

Description	For use with		Sold in lots of	Unit reference	Weight kg/*lb*
Rubber seals for IP 65 degree of protection	Ø 22 mm/*0.87 in.* or 4 hole, front mounting, operating heads with 45 x 45 mm/*1.77 x 1.77 in.* front plate		5	**KZ65**	0.003/*0.007*
	Ø 22 mm/*0.87 in.* or 4 hole, front mounting, operating heads with 60 x 60 mm/*2.36 x 2.36 in.* front plate		5	**KZ66**	0.004/*0.009*
	Multi-fixing operating heads with 45 x 45 mm/*1.77 x 1.77 in.* front plate		5	**KZ73**	0.004/*0.009*
Shaft couplers	∅ 6 mm/*0.24 in.* shaft	Length = 26 mm/*1.02 in.*	3	**KZ52**	0.007/*0.015*
		Length = 60 mm/*2.36 in.*	3	**KZ50**	0.013 /*0.029*
Terminal covers	Contact blocks	4 contacts	1	**KZ35**	0.010/*0.022*
		8 contacts	1	**KZ36**	0.020 /*0.044*
		12 contacts	1	**KZ37**	0.004/*0.009*
		16 contacts	1	**KZ38**	0.040/*0.088*
		20 contacts	1	**KZ39**	0.050 /*0.110*
Nut wrench	M22 fixing nuts		5	**Z01**	0.010/*0.022*
Fixing nut, M22	Fixing operating heads on panel or in an enclosure		5	**KZ30**	0.007/*0.015*
Mounting adaptor	Converting Ø 30.5 mm/*1.20 in.* fixing hole to Ø 22.5 mm/*0.88 in.*		50	**KZ93**	0.003/*0.007*
Keys	8D1 key lock		2	**Z18**	0.010/*0.022*
	"Ronis" 8R1 key lock		2	**Z18R1**	0.010/*0.022*
	"Ronis" 455 key lock		2	**Z18R**	0.010/*0.022*
	"Ronis" 8R15 key lock		2	**Z18R15**	0.010/*0.022*
Quick assembly device	Mounting on 35 mm/*1.38 in.* rails to DIN 46277. 2 fixing screws included for rear mounting		5	**KZ31**	0.030/*0.066*
Fixing screws 3.5 x 16 mm/*0.14x 0.63 in.*	4 hole fixing operating heads		100	**KZ95**	0.001/*0.066*
Cam switch installation kit Comprising: - mounting plate, - 45 x 45 mm/*1.77 x 1.77 in.* front plate, without legend - black handle, length 35 mm/*1.38 in.* (KZ27H), - 2 fixing screws	Installation of a cam switch on a distribution panel		1	**KZ91H**	0.010/*0.022*

5

Contents

Cam switches, type K

Complete switches, 12 A with key operated lock

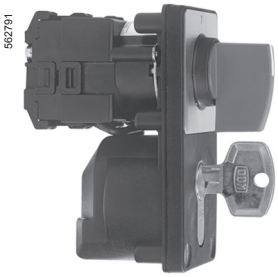
- **Front mounting by 6 screws Ø 5.2 mm, with 55 x 100mm front plate**
- Stepping switches, 2 to 5 step *5/2*
- Start selector switches changeover switches *5/6*
- Changeover switches *5/7*

5

Cam switches

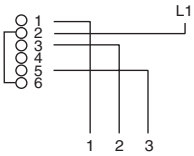
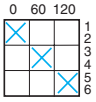
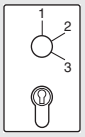
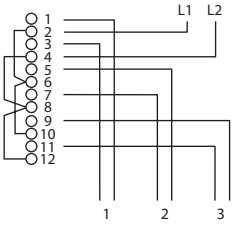
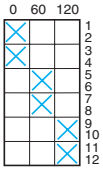
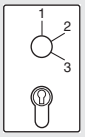
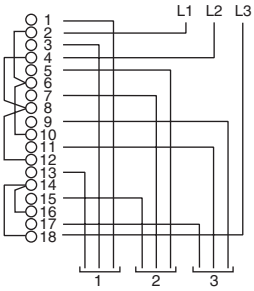
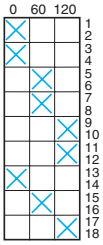
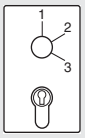
Complete switches, 12 A with key operated lock

Front mounting by 6 screws Ø 5.2 mm
with 55 x 100 mm front plate



K1C003NZ2

Stepping switches (3 step), without "0" position

Wiring diagram and switching programme	Marking and switch position	Colour of handle	Reference	Weight kg/lb
1-pole				
 		Red	**K1C003NZ2**	0.170/*0.374*
		Black	**K1C003NZ4**	0.170/*0.374*
2-pole				
 		Red	**K1F013NZ2**	0.170/*0.374*
		Black	**K1F013NZ4**	0.170/*0.374*
3-pole				
 		Red	**K1I023NZ2**	0.170/*0.374*
		Black	**K1I023NZ4**	0.170/*0.374*

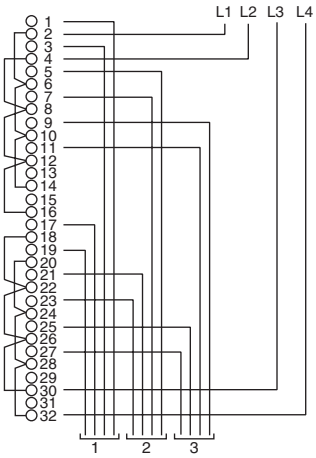
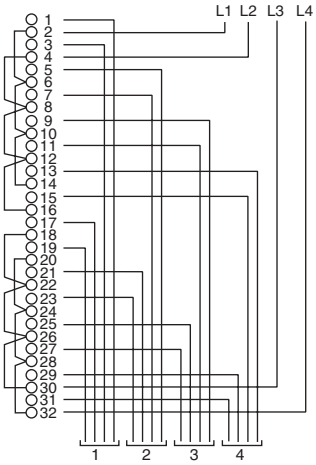
General:
page 3/2

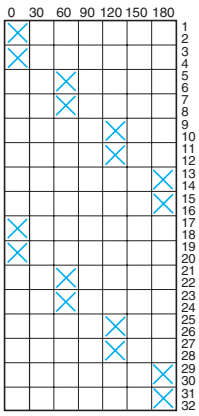
Cam switches

Complete switches, 12 A with key operated lock

Front mounting by 6 screws Ø 5.2 mm
with 55 x 100 mm front plate

Stepping switches (4 step), 4-pole, without "0" position

Wiring diagram and switching programme	Marking and switch position	Colour of handle	Reference	Weight kg/lb
4 step *(1)*				
		Red	**K1Q034NZ2**	0.170/*0.374*
		Black	**K1Q034NZ4**	0.170/*0.374*
4 step with intermediate steps at 30°				
		Red	**K1Q8621Z1**	0.170/*0.374*

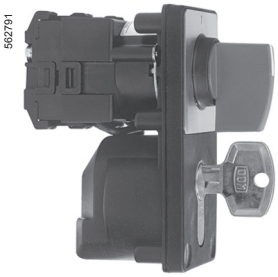


(1) Switching programme identical for 4 step and 4 step with intermediate steps at 30°.

Cam switches

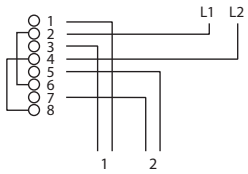
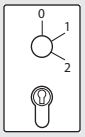
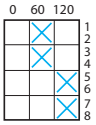
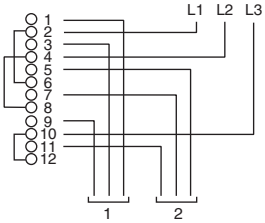
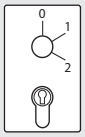
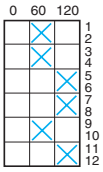
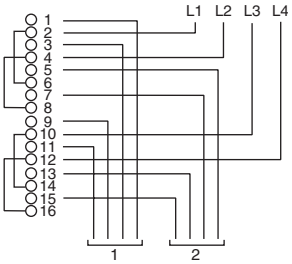
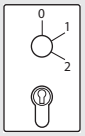
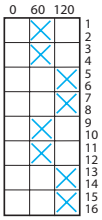
Complete switches, 12 A with key operated lock

Front mounting by 6 screws Ø 5.2 mm
with 55 x 100 mm front plate



K1D012QZ2

Stepping switches (2 step), with "0" position

Wiring diagram and switching programme	Marking and switch position	Colour of handle	Reference	Weight kg/lb
2-pole				
		Red	**K1D012QZ2**	0.170/*0.374*
		Black	**K1D012QZ4**	0.170/*0.374*
3-pole				
		Red	**K1F022QZ2**	0.170/*0.374*
		Black	**K1F022QZ4**	0.170/*0.374*
4-pole				
		Red	**K1H032QZ2**	0.170/*0.374*
		Black	**K1H032QZ4**	0.170/*0.374*

General:
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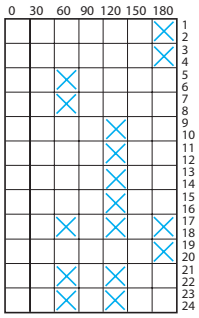
Cam switches

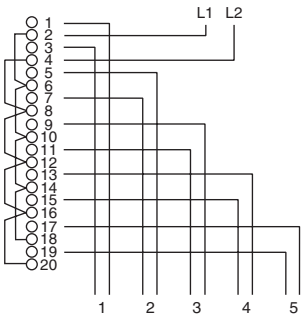
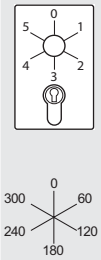
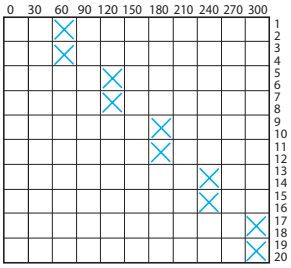
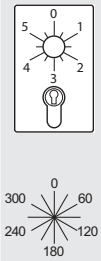
Complete switches, 12 A with key operated lock

Front mounting by 6 screws Ø 5.2 mm
with 55 x 100 mm front plate

Stepping switches (3 step), 2-pole, with "0" position

Switching programme	Marking and switch position	Colour of handle	Reference	Weight kg/lb
3 step with intermediate steps at 30°				
		Red	**K1M10317Z1**	0.170/*0.374*

Stepping switches (5 step), 2-pole, with "0" position

Wiring diagram and switching programme	Marking and switch position	Colour of handle	Reference	Weight kg/lb
5 step *(1)*				
		Red	**K1K015NZ2**	0.170/*0.374*
		Black	**K1K015NZ4**	0.170/*0.374*
5 step with intermediate steps at 30°				
		Red	**K1K1060Z1**	0.170/*0.374*

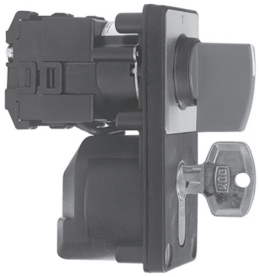
(1) Switching programme identical for 5 step and 5 step with intermediate steps at 30°.

Cam switches

Complete switches, 12 A with key operated lock

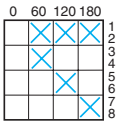
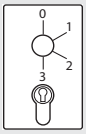
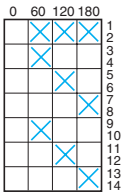
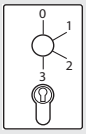
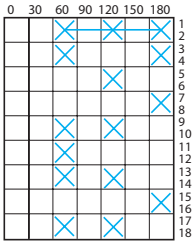
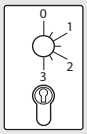
Front mounting by 6 screws Ø 5.2 mm
with 55 x 100 mm front plate

562791



K1D032RZ2

Start selector switches (3-position) with "0" position

Switching programme	Marking and switch position	Colour of handle	Reference	Weight kg/lb
1-pole				
		Red	**K1D032RZ2**	0.170/*0.374*
		Black	**K1D032RZ4**	0.170/*0.374*
2-pole				
		Red	**K1G043RZ2**	0.170/*0.374*
		Black	**K1G043RZ4**	0.170/*0.374*
2-pole with intermediate positions at 30°				
		Red	**K1I9289Z1**	0.170/*0.374*

General:
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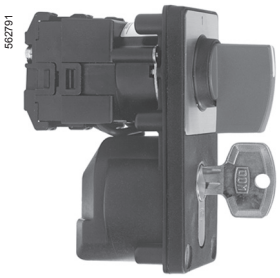
Cam switches

Complete switches, 12 A with key operated lock

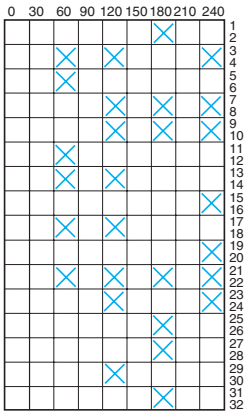
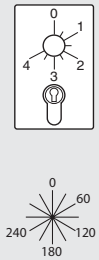
Front mounting by 6 screws Ø 5.2 mm
with 55 x 100 mm front plate



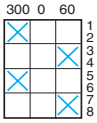
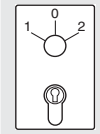
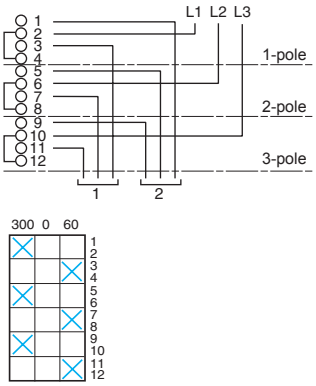
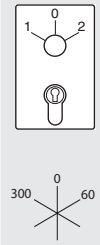
562791

K1B001UZ2

Start selector switches (4-position) with "0" position

Switching programme	Marking and switch position	Colour of handle	Reference	Weight kg/lb
		Red	**K1Q10805Z1**	0.170/*0.374*

Changeover switches with "0" position

Wiring diagram and switching programme	Marking and switch position	Colour of handle	Reference	Weight kg/lb
1-pole				
		Red	**K1B001UZ2**	0.170/*0.374*
		Black	**K1B001UZ4**	0.170/*0.374*
2-pole				
		Red	**K1D002UZ2**	0.170/*0.374*
		Black	**K1D002UZ4**	0.170/*0.374*
3-pole				
		Red	**K1F003UZ2**	0.170/*0.374*
		Black	**K1F003UZ4**	0.170/*0.374*

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Contents

Cam switches, type K

Switches, 10 and 16 A, mounted in plastic enclosure

- **Emergency stop switches** *6/2*
- **OFF-ON switches** *6/3*

6

Cam switches

Switches mounted in plastic enclosure,
10 and 16 A

"Emergency stop" switches in enclosure

KA●●●●●G

Specifications

- PVC enclosure.
- 60 x 60 mm/*2.36 x 2.36 in.* operating head, red handle (without padlocking device) *(1)* on yellow background. Marking: O I.
- Legend holder with metallic finish blank legend.
- Protection degree (conforming to standard EN/IEC 60529): IP 65.

Composition *(2)* Poles	N	N/O	N/C	Dimensions w x h x d *(3)*	Thermal current (Ithe) *(4)*	Reference	Weight
				mm/*in.*	A		kg/*lb*
1	–	–	–	74 x 135 x 106/ *2.91 x 5.31 x 4.17*	10	**KA1A050G**	0.365/*0.805*
					16	**KA2A050G**	0.365/*0.805*
3	–	–	–	74 x 135 x 106/ *2.91 x 5.31 x 4.17*	10	**KA1C051G**	0.390/*0.860*
					16	**KA2C051G**	0.390/*0.860*
3	1	–	–	74 x 135 x 106/ *2.91 x 5.31 x 4.17*	10	**KA1D052G**	0.400/*0.882*
					16	**KA2D052G**	0.400/*0.882*
3	–	1	–	74 x 135 x 106/ *2.91 x 5.31 x 4.17*	10	**KA1D053G**	0.400/*0.882*
					16	**KA2D053G**	0.400/*0.882*
3	–	1	1	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KA1E054G**	0.694/*1.530*
					16	**KA2E054G**	0.694/*1.530*
3	–	2	2	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KA1G055G**	0.719/*1.585*
					16	**KA2G055G**	0.719/*1.585*
3	1	1	1	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KA1F056G**	0.704/*1.552*
					16	**KA2F056G**	0.704/*1.552*
6	–	–	–	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KA1F057G**	0.704/*1.552*
					16	**KA2F057G**	0.704/*1.552*
6	1	–	–	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KA1G058G**	0.719/*1.585*
					16	**KA2G058G**	0.719/*1.585*
6	–	1	–	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KA1G059G**	0.719/*1.585*
					16	**KA2G059G**	0.719/*1.585*
6	–	1	1	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KA1H060G**	0.724/*1.596*
					16	**KA2H060G**	0.724/*1.596*
9	–	–	–	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KA1I061G**	0.744/*1.640*
					16	**KA2I061G**	0.744/*1.640*
9	1	–	–	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KA1K062G**	0.749/*1.651*
					16	**KA2K062G**	0.719/*1.585*
9	–	1 *(5)*	–	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KA1K063G**	0.719/*1.585*
					16	**KA2K063G**	0.719/*1.585*

*(1) To order a switch with a red padlockable handle (up to 3 padlocks), replace the letter **A** (2nd letter) in the references shown above by the letter **C**.*
*Example : **KA1A050G** becomes **KC1A050G**.*
(2) Poles : main contacts
- *N/O contact : late make (unballasting contact)*
- *N/C contact : signaling contact*
- *Neutral conductor (N) : early make, late break.*

(3) Total depth, including operating head.
(4) Permissible power, AC-23 at 400 V :
- *K1 switches : 2.2 kW,*
- *K2 switches : 5.5 kW.*

(5) Contact not late make.

Cam switches

Switches mounted in plastic enclosure, 10 and 16 A

KD●●●●●G

OFF-ON switches in enclosure

Specifications

- PVC enclosure.
- 60 x 60 mm/*2.36 x 2.36 in.* operating head, black handle (without padlocking device) on metallic background. Marking: O I.
- Legend holder with metallic finish blank legend.
- Protection degree (conforming to standard EN/IEC 60529): IP 65.

Composition *(1)* Poles	N	N/O	N/C	Dimensions w x h x d *(2)*	Thermal current (Ithe) *(3)*	Reference	Weight
				mm/*in.*	A		kg/*lb*
1	–	–	–	74 x 135 x 106/ *2.91 x 5.31 x 4.17*	10	**KD1A050G**	0.365/*0.805*
					16	**KD2A050G**	0.365/*0.805*
3	–	–	–	74 x 135 x 106/ *2.91 x 5.31 x 4.17*	10	**KD1C051G**	0.390/*0.860*
					16	**KD2C051G**	0.390/*0.860*
3	1	–	–	74 x 135 x 106/ *2.91 x 5.31 x 4.17*	10	**KD1D052G**	0.400/*0.882*
					16	**KD2D052G**	0.400/*0.882*
3	–	1	–	74 x 135 x 106/ *2.91 x 5.31 x 4.17*	10	**KD1D053G**	0.400/*0.882*
					16	**KD2D053G**	0.400/*0.882*
3	–	1	1	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KD1E054G**	0.694/*1.530*
					16	**KD2E054G**	0.694/*1.530*
3	–	2	2	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KD1G055G**	0.719/*1.585*
					16	**KD2G055G**	0.719/*1.585*
3	1	1	1	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KD1F056G**	0.704/*1.552*
					16	**KD2F056G**	0.704/*1.552*
6	–	–	–	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KD1F057G**	0.704/*1.552*
					16	**KD2F057G**	0.704/*1.552*
6	1	–	–	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KD1G058G**	0.719/*1.585*
					16	**KD2G058G**	0.719/*1.585*
6	–	1	–	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KD1G059G**	0.719/*1.585*
					16	**KD2G059G**	0.719/*1.585*
6	–	1	1	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KD1H060G**	0.724/*1.596*
					16	**KD2H060G**	0.724/*1.596*
9	–	–	–	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KD1I061G**	0.744/*1.640*
					16	**KD2I061G**	0.744/*1.640*
9	1	–	–	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KD1K062G**	0.749/*1.651*
					16	**KD2K062G**	0.749/*1.651*
9	–	1 *(4)*	–	105 x 170 x 146/ *4.13 x 6.69 x 5.74*	10	**KD1K063G**	0.749/*1.651*
					16	**KD2K063G**	0.749/*1.651*

(1) Poles : main contacts
- *N/O contact : late make (unballasting contact)*
- *N/C contact : signaling contact*
- *Neutral conductor (N) : early make, late break.*

(2) Total depth, including operating head.
(3) Permissible power, AC-23 at 400 V :
- *K1 switches : 2.2 kW,*
- *K2 switches : 5.5 kW.*

(4) Contact not late make.

7

Contents

Cam switches, type K

Complete switches, 32 to 150 A

- **General** *7/2*
- **With 64 x 64 mm front plate (32 to 63 A ratings) and 88 x 88 mm front plate (115 and 150 A ratings)**
- Switches *7/3*
- Changeover switches *7/5*
- Star-delta and reversing star-delta switches *7/6*
- Pole change and reversing switches *7/7*

7

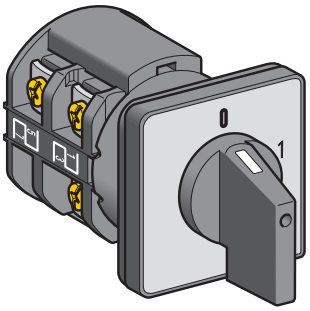
Cam switches
Complete switches, 32 to 150 A

The range of K30 to K150 cam switches (32 to 150 A ratings) comprises only complete switches.
These products are more specifically designed for direct control of simple machines.

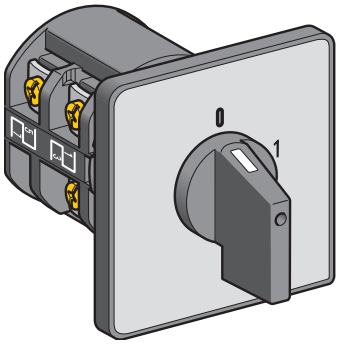
Complete switches

- switches
- stepping switches
- changeover switches
- voltmeter switches
- ammeter switches
- starting switches

Front mounting



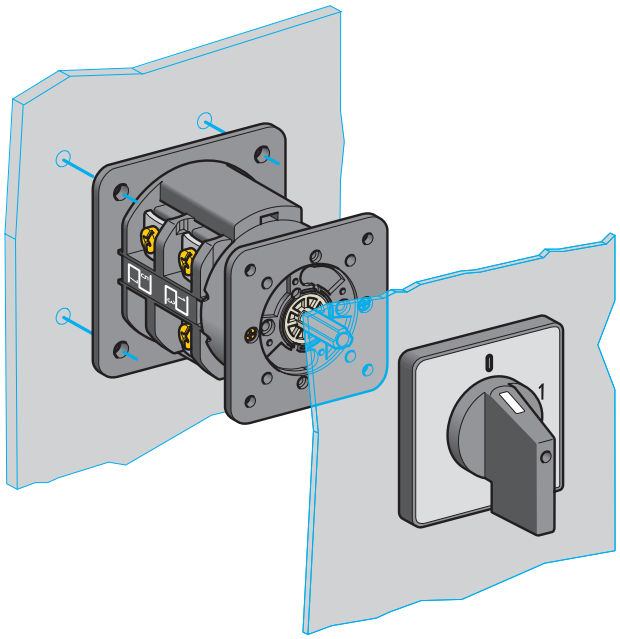
By 4 holes
with 64 x 64 mm/*2.52 x 2.52 in.* front plate
32 to 63 A ratings
K30, K50 and K63



By 4 holes
with 88 x 88 mm/*3.46 x 3.46 in.* front plate
115 to 150 A ratings
K115 and K150

"Multi-fixing" mounting

Rear mounting



By 4 holes on 48 mm/*1.89 in.* centres
32 to 63 A ratings
K30, K50 and K63

By 4 holes on 68 mm/*2.68 in.* centres
115 to 150 A ratings
K115 and K150

References:
page 7/3

Cam switches

Complete switches, 32 to 150 A

With 64 x 64 mm front plate (32 to 63 A ratings)
and 88 x 88 mm front plate (115 and 150 A ratings)

103521

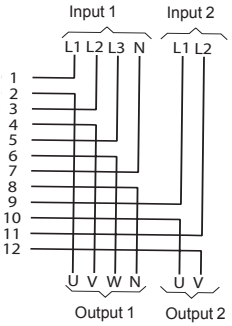
K30C003AP

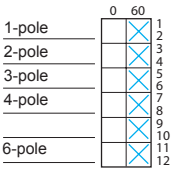
103522

K50C003AP

Switches with 60° switching angle

Front mounting





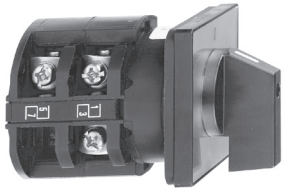
Number of poles	Thermal current (Ith)	Reference	Weight
	A		kg/*lb*
1	32	**K30A001AP**	0.130/*0.287*
	50	**K50A001AP**	0.175/*0.386*
2	32	**K30B002AP**	0.170/*0.375*
	50	**K50B002AP**	0.215/*0.474*
3	32	**K30C003AP**	0.224/*0.494*
	50	**K50C003AP**	0.275/*0.606*
	63	**K63C003AP**	0.345/*0.761*
	115	**K115C003AP**	0.680/*1.499*
	150	**K150C003AP**	0.790/*1.742*
4	32	**K30D004AP**	0.250/*0.551*
	50	**K50D004AP**	0.305/*0.672*
	63	**K63D004AP**	0.390/*0.860*
	115	**K115D004AP**	0.745/*1.642*
	150	**K150D004AP**	0.880/*1.940*
6	32	**K30F006AP**	0.425/*0.937*
	50	**K50F006AP**	0.530/*1.168*
	63	**K63F006AP**	0.590/*1.301*

Cam switches

Complete switches, 32 to 150 A

With 64 x 64 mm front plate (32 to 63 A ratings)
and 88 x 88 mm front plate (115 and 150 A ratings)

501179



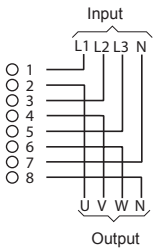
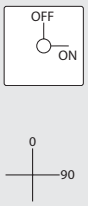
K63C003HP

501178

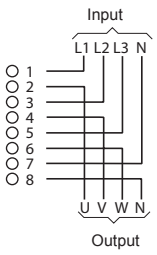
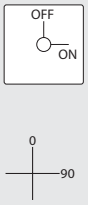
K150D004HP

Switches with 90° switching angle

Front mounting

Wiring diagram and switching programme	Marking and switch position	Number of poles	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
		3	32	**K30C003HP**	0.224/*0.494*
			50	**K50C003HP**	0.275/*0.606*
			63	**K63C003HP**	0.345/*0.761*
			115	**K115C003HP**	0.680/*1.499*
			150	**K150C003HP**	0.790/*1.742*
		4	32	**K30D004HP**	0.250/*0.551*
			50	**K50D004HP**	0.305/*0.672*
			63	**K63D004HP**	0.390/*0.860*
			115	**K115D004HP**	0.745/*1.642*
			150	**K150D004HP**	0.880/*1.940*

Rear mounting

		3	32	**K30C503HP**	0.250/*0.551*
			50	**K50C503HP**	0.300/*0.661*
			63	**K63C503HP**	0.370/*0.816*
			115	**K115C503HP**	0.720/*1.587*
			150	**K150C503HP**	0.830/*1.830*
		4	32	**K30D504HP**	0.280/*0.617*
			50	**K50D504HP**	0.350/*0.772*
			63	**K63D504HP**	0.440/*0.970*
			115	**K115D504HP**	0.790/*1.742*
			150	**K150D504HP**	0.930/*2.050*

General:
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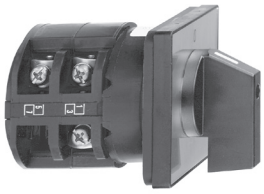
Cam switches

Complete switches, 32 to 150 A

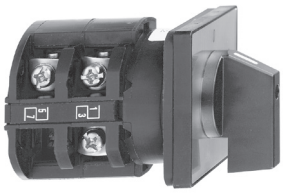
With 64 x 64 mm front plate (32 to 63 A ratings)
and 88 x 88 mm front plate (115 and 150 A ratings)

103522



K50B001UP

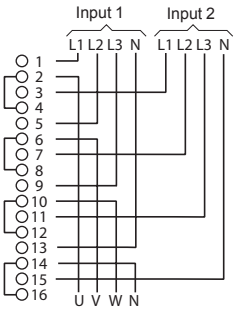
501179

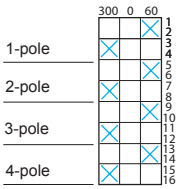


K63F013UP

Changeover switches with "0" position

Front mounting

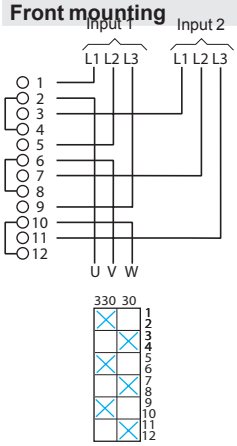


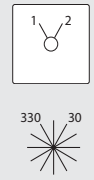


Wiring diagram and switching programme	Marking and switch position	Number of poles	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
		1	32	**K30B001UP**	0.170/*0.375*
			50	**K50B001UP**	0.215/*0.474*
			150	**K150B001UP**	0.790/*1.742*
		2	32	**K30D002UP**	0.250/*0.551*
			50	**K50D002UP**	0.305/*0.672*
		3	32	**K30F003UP**	0.425/*0.937*
			50	**K50F003UP**	0.530/*1.168*
			63	**K63F003UP**	0.590/*1.301*
			115	**K115F003UP**	0.645/*1.422*
			150	**K150F003UP**	0.760/*1.675*
		4	32	**K30H004UP**	0.485/*1.069*
			50	**K50H004UP**	0.610/*1.345*
			63	**K63H004UP**	0.680/*1.499*
			115	**K115H004UP**	0.750/*1.653*
			150	**K150H004UP**	0.880/*1.940*

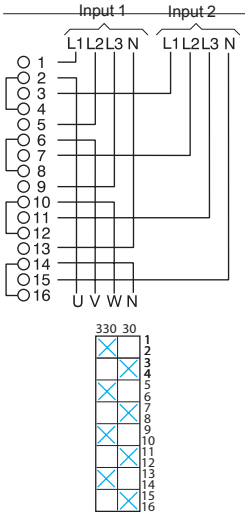
Changeover switches without "0" position

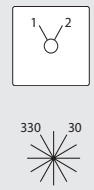
Front mounting





Wiring diagram and switching programme	Marking and switch position	Number of poles	Thermal current (Ith)	Reference	Weight
		3	32	**K30F013UP**	0.425/*0.937*
			50	**K50F013UP**	0.530/*1.168*
			63	**K63F013UP**	0.590/*1.301*
			115	**K115F013UP**	0.645/*1.422*
			150	**K150F013UP**	0.760/*1.675*





Wiring diagram and switching programme	Marking and switch position	Number of poles	Thermal current (Ith)	Reference	Weight
		4	32	**K30H014UP**	0.485/*1.069*
			50	**K50H014UP**	0.610/*1.345*
			63	**K63H014UP**	0.680/*1.499*
			115	**K115H014UP**	0.750/*1.653*
			150	**K150H014UP**	0.880/*1.940*

7

Cam switches

Complete switches, 32 to 150 A

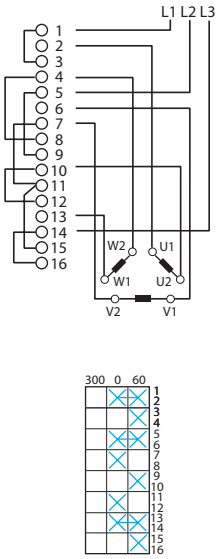
With 64 x 64 mm front plate (32 to 63 A ratings)
and 88 x 88 mm front plate (115 and 150 A ratings)

103522

K50H001YP

Star-delta switches

Front mounting

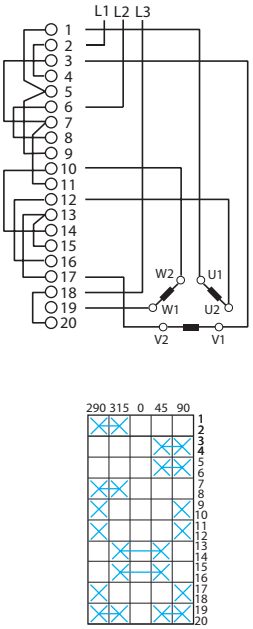
Wiring diagram and switching programme	Marking and switch position	Number of poles	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
		3	32	**K30H001YP**	0.485/*1.069*
			50	**K50H001YP**	0.610/*1.345*
			63	**K63H001YP**	0.680/*1.499*
			115	**K115H001YP**	0.750/*1.653*
			150	**K150H001YP**	0.880/*1.940*

501177

K115K006YP

Reversing star-delta switches

Front mounting

		3	32	**K30K006YP**	0.560/*1.235*
			50	**K50K006YP**	0.690/*1.521*
			63	**K63K006YP**	0.770/*1.697*
			115	**K115K006YP**	0.880/*1.940*
			150	**K150K006YP**	0.990/*2.183*

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General:
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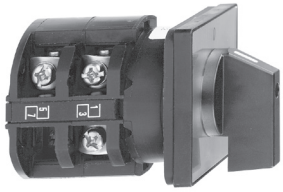
Schneider Electric

Cam switches

Complete switches, 32 to 150 A

With 64 x 64 mm front plate (32 to 63 A ratings)
and 88 x 88 mm front plate (115 and 150 A ratings)
Accessories

501179



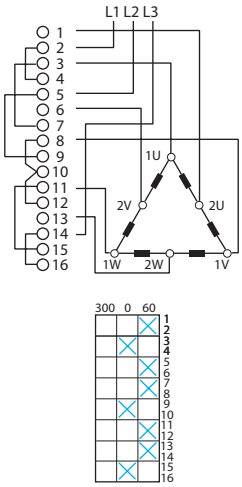
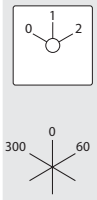
K63H004PP

501178

K150D002WP

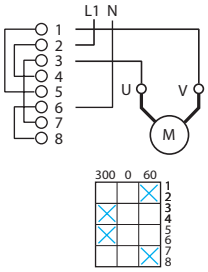
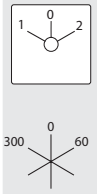
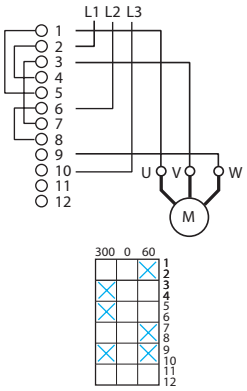
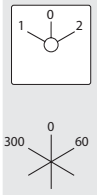
Pole change switches for 2-speed motors
(for motors with tapped "Dahlander" windings)

Front mounting

Wiring diagram and switching programme	Marking and switch position	Number of poles	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
		3	32	**K30H004PP**	0.485/*1.069*
			50	**K50H004PP**	0.610/*1.345*
			63	**K63H004PP**	0.680/*1.499*

Reversing switches with "0" position

Front mounting

		2	32	**K30D002WP**	0.250/*0.551*
			50	**K50D002WP**	0.305/*0.672*
			63	**K63D002WP**	0.390/*0.860*
			115	**K115D002WP**	0.745/*1.642*
			150	**K150D002WP**	0.880/*1.940*
		3	32	**K30E003WP**	0.385/*0.849*
			50	**K50E003WP**	0.485/*1.069*
			63	**K63E003WP**	0.540/*1.190*
			115	**K115E003WP**	0.590/*1.301*
			150	**K150E003WP**	0.710/*1.565*

Accessories

Description	For use with	Sold in lots of	Unit reference	Weight kg/*lb*
Legend holders With blank legend	Square heads 64 x 64 mm/ *2.52 x 2.52 in.*	5	**KZN15**	0.020 /*0.044*
	Square heads 88 x 88 mm/ *3.46 x 3.46 in.*	5	**KZN103**	0.040/*0.088*
Replacement blank legends for legend holder	KZN15	5	**KZ77N**	0.025/*0.055*
	KZN103	5	**KZ100N**	0.040/*0.088*
Blank legends for metallic finish front plate	64 x 64	5	**KZN21**	0.035/*0.077*
	88 x 88	5	**KZN24**	0.045/*0.099*

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Cam switches, type K

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