## **SIEMENS**

Data sheet 3RU2126-4AB0



Overload relay 11...16 A Thermal For motor protection Size S0, Class 10 Contactor mounting Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset

product brand name product type designation product type designation product type designation growth technical data size of voorbard relay size of contactor can be combined company-specific power loss [W] for rated value of the current at AC in hot operating state per pole per pole per pole per pole growth with grounded star point between auxiliary and auxiliary circuit between auxiliary and auxiliary circuit between main according to IEC 60068-2-27 by of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU certificate of suitability according to IEC 81346-2 Fusbatance Prohibitance (Det 81346-2 Fus		
product type designation  General technical data  size of overload relay  Size of contactor can be combined company-specific  power loss [W] for rated value of the current at AC in hot operating state  • per pole  Insulation voltage with degree of pollution 3 at AC rated value  880 V  surge voltage resistance rated value  8 kV  maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit  • between main and auxiliary circuit  • between profits the service of the s	product brand name	SIRIUS
Size of overload relay Size of contactor can be combined company-specific So power loss [W] for rated value of the current at AC in hot operating state	product designation	
size of contactor can be combined company-specific S0 power loss IPV) for rated value of the current at AC in hot operating state • per pole 27 W insulation voltage with degree of pollution 3 at AC rated value 680 V surge voltage resistance rated value 6kV maximum permissible voltage for protective separation in networks with grounded star point 440 V • between auxiliary and auxiliary circuit 440 V • between main and auxiliary circuit 440 V • between final for the company of t	product type designation	3RU2
size of contactor can be combined company-specific power loss [VI] for rated value of the current at AC in hot operating state	General technical data	
power loss [W] for rated value of the current at AC in hot operating state  • per pole  • per pole  2.7 W  insulation voltage with degree of pollution 3 at AC rated value  890 V  surge voltage resistance rated value  680 V  maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit  • between main and auxiliary circuit  • both per of protection according to ATEX directive 2014/34/EU  Ex II (2) GD  certificate of suitability according to ATEX directive 2014/34/EU  preference code according to IEC 81348-2  Fubstance Prohibitance (Date)  10/01/2009  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  • during transport  • during transport  • during itransport  • during itransport  • during operation  • 10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3e rated value maximum  operational current at AC-3e at 40 0 V rated value  16 A  operational current at AC-3e at 40 0 V rated value  operational current at AC-3e at 40 0 V rated value	size of overload relay	S0
operating state  • per pole  insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  maximum permissible voltage for protective separation in networks with grounded star point  • between auxillary and auxiliary circuit  • between main and suxiliary circuit  • shock resistance according to IEC 60068-2-27  By 11 ms  By 12 mg  By 2 mg  By 2 mg  By 11 ms  By 11 ms  By 11 ms  By 12 mg	size of contactor can be combined company-specific	S0
insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  maximum permissible voltage for protective separation in networks with grounded star point  • between auxillary and auxiliary circuit  • between main and auxiliary circuit  • space of protection according to IEC 60068-2-27  • space of protection according to IEC 81346-2  F space of protection according to IEC 81346-2  F substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during storage  • during transport  • during operation  • during transport  • during transport		8.1 W
surge voltage resistance rated value  maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit  • between main and auxiliary circuit  shock resistance according to IEC 60068-2-27  type of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  perference code according to IEC 81346-2  F  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  • during operation  • during storage  • during transport  during transport  -55+80 °C  temperature compensation  • during transport  relative humidity during operation  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3e rated value maximum  operational current at AC-3e at 400 V rated value  operational current at AC-3e at 400 V rated value  operational current at AC-3e at 400 V rated value  16 A  operational current at AC-3e at 400 V rated value  16 A	• per pole	2.7 W
maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit  • between main and auxiliary circuit  • dury of protection according to IEC 60068-2-27  • Bg / 11 ms  • Lype of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  preference code according to IEC 81346-2  F Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  2 000 m  ambient temperature  • during operation  • during storage  • during transport  -55 +80 °C  • melative humidity during operation  Main circuit  number of poles for main current circuit  3 adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3e rated value maximum  operating frequency rated value  operating current at AC-3e at 400 V rated value  16 A  operational current at AC-3e at 400 V rated value  16 A	insulation voltage with degree of pollution 3 at AC rated value	690 V
networks with grounded star point  • between auxiliary and auxiliary circuit  • between auxiliary and auxiliary circuit  • between main and auxiliary circuit  • between main and auxiliary circuit  • between main and auxiliary circuit  shock resistance according to IEC 60068-2-27  type of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  reference code according to IEC 81346-2  Fubbrance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  temperature compensation  -40 +70 °C  • during transport  -55 +80 °C  • during transport  temperature compensation  -40 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3e rated value  • at AC-3e at 400 V rated value  operational current rated value  operational current at AC-3e at 400 V rated value  16 A  operational current at AC-3e at 400 V rated value  16 A	surge voltage resistance rated value	6 kV
between auxiliary and auxiliary circuit between main and auxiliary circuit conditions co		
between main and auxiliary circuit between main and auxiliary circuit shock resistance according to IEC 60068-2-27 type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU preference code according to IEC 81346-2 Substance Prohibitance (Date) Installation altitude at height above sea level maximum ambient conditions Installation altitude at height above sea level maximum ambient temperature during operation during storage during transport during transport -55+80 °C temperature compensation relative humidity during operation -40+60 °C relative humidity during operation  Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3e rated value operational current at AC-3e at 400 V rated value  operational current at AC-3e at 400 V rated value  16 A  operational current at AC-3e at 400 V rated value  16 A	<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	440 V
between main and auxiliary circuit  shock resistance according to IEC 60068-2-27  type of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  put 78 ATEX G 001  reference code according to IEC 81346-2  F Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  during operation  during storage  during transport  temperature compensation  relative humidity during operation  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  at AC-3e rated value  at AC-3e at 400 V rated value  operational current rated value  operational current rated value  operational current rated value  operational current rated value  16 A  operational current rated value  16 A	<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	440 V
shock resistance according to IEC 60068-2-27 type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU pm 798 ATEX G 001 reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2009 Ambient conditions installation altitude at height above sea level maximum during operation during operation during storage during transport temperature compensation relative humidity during operation 10 95 %  Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3e rated value operational current at AC-3e at 400 V rated value  16 A operational current at AC-3e at 400 V rated value  16 A	<ul> <li>between main and auxiliary circuit</li> </ul>	440 V
type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU pm 98 ATEX G 001 reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2009 Ambient conditions installation altitude at height above sea level maximum 4 during operation 4 during operation 4 during storage 4 during transport 5 5 +80 °C 4 during transport 4 during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage 1 at AC-3e rated value operational current rated value 16 A	<ul> <li>between main and auxiliary circuit</li> </ul>	440 V
certificate of suitability according to ATEX directive 2014/34/EU  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport  temperature compensation relative humidity during operation  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release  • at AC-3e rated value • at AC-3e rated value operational current rated value	shock resistance according to IEC 60068-2-27	8g / 11 ms
reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport • during transport  temperature compensation -40 +70 °C  • during transport -55 +80 °C  temperature compensation -40 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release  operating voltage • rated value • at AC-3e rated value maximum  operational current rated value  operational current rated value  operational current rated value  operational current at AC-3e at 400 V rated value  16 A  operational current at AC-3e at 400 V rated value  16 A	type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during storage  • during transport  -55 +80 °C  • during transport  -55 +80 °C  temperature compensation  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3e rated value maximum  690 V  operating frequency rated value  operational current at AC-3e at 400 V rated value  16 A  operational current at AC-3e at 400 V rated value  16 A	certificate of suitability according to ATEX directive 2014/34/EU	DMT 98 ATEX G 001
installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport • 55 +80 °C  temperature compensation • 40 +60 °C  relative humidity during operation  Main circuit  number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V operating frequency rated value operational current rated value  operational current at AC-3e at 400 V rated value  16 A operational current at AC-3e at 400 V rated value  16 A	reference code according to IEC 81346-2	F
installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport • during transport • during transport • during transport • 55 +80 °C  temperature compensation relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V operating frequency rated value operational current rated value 16 A operational current at AC-3e at 400 V rated value 16 A	Substance Prohibitance (Date)	10/01/2009
ambient temperature  • during operation  • during storage  • during transport  • during transport  -55 +80 °C  • during transport  -55 +80 °C  temperature compensation  -40 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3e rated value maximum  690 V  operating frequency rated value  50 60 Hz  operational current rated value  16 A  operational current at AC-3e at 400 V rated value  16 A	Ambient conditions	
<ul> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>55 +80 °C</li> <li>temperature compensation</li> <li>40 +60 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> </ul> Main circuit <ul> <li>number of poles for main current circuit</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage</li> <li>rated value</li> <li>at AC-3e rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>operational current rated value</li> <li>fo A</li> </ul> operational current rated value <ul> <li>60 Hz</li> <li>operational current rated value</li> <li>fo A</li> </ul>	installation altitude at height above sea level maximum	2 000 m
• during storage     • during transport     • during transport     • during transport     • during transport     • 55 +80 °C  temperature compensation     • 40 +60 °C  relative humidity during operation     10 95 %  Main circuit  number of poles for main current circuit     3 adjustable current response value current of the current-dependent overload release  operating voltage     • rated value     • rated value     • at AC-3e rated value maximum     690 V  operating frequency rated value     50 60 Hz  operational current rated value     16 A  operational current at AC-3e at 400 V rated value     16 A	ambient temperature	
<ul> <li>during transport</li> <li>-55 +80 °C</li> <li>temperature compensation</li> <li>-40 +60 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> <li>Main circuit</li> <li>number of poles for main current circuit</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage         <ul> <li>rated value</li> <li>at AC-3e rated value maximum</li> <li>operating frequency rated value</li> <li>operational current rated value</li> <li>operational current at AC-3e at 400 V rated value</li> <li>fe A</li> </ul> </li> </ul>	during operation	-40 +70 °C
temperature compensation  -40 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3e rated value maximum  690 V  operating frequency rated value  50 60 Hz  operational current rated value  16 A  operational current at AC-3e at 400 V rated value  16 A	during storage	-55 +80 °C
relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  3 adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3e rated value maximum  operating frequency rated value  operational current rated value  operational current at AC-3e at 400 V rated value  16 A	during transport	-55 +80 °C
Main circuit  number of poles for main current circuit  adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  • at AC-3e rated value maximum  operating frequency rated value  operational current rated value  operational current at AC-3e at 400 V rated value  16 A	temperature compensation	-40 +60 °C
number of poles for main current circuit  adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  • at AC-3e rated value maximum  operating frequency rated value  operational current rated value  operational current at AC-3e at 400 V rated value  16 A	relative humidity during operation	10 95 %
adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  • at AC-3e rated value maximum  operating frequency rated value  operational current rated value  operational current at AC-3e at 400 V rated value  11 16 A  11 16 A  690 V  690 V  16 A	Main circuit	
dependent overload release  operating voltage  • rated value • at AC-3e rated value maximum  operating frequency rated value  operational current rated value  operational current at AC-3e at 400 V rated value  16 A	number of poles for main current circuit	3
<ul> <li>rated value</li> <li>at AC-3e rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>operational current rated value</li> <li>operational current at AC-3e at 400 V rated value</li> <li>16 A</li> </ul>		11 16 A
<ul> <li>at AC-3e rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>operational current rated value</li> <li>operational current at AC-3e at 400 V rated value</li> <li>16 A</li> </ul>	operating voltage	
operating frequency rated value50 60 Hzoperational current rated value16 Aoperational current at AC-3e at 400 V rated value16 A	• rated value	690 V
operational current rated value 16 A operational current at AC-3e at 400 V rated value 16 A	at AC-3e rated value maximum	690 V
operational current at AC-3e at 400 V rated value 16 A	operating frequency rated value	50 60 Hz
·	operational current rated value	16 A
operating power	operational current at AC-3e at 400 V rated value	16 A
	operating power	

• at AC-3	
at AC-3  — at 400 V rated value	7.5 kW
— at 500 V rated value	7.5 kW
— at 690 V rated value	11 kW
• at AC-3e	7.5 1044
— at 400 V rated value	7.5 kW
— at 500 V rated value	7.5 kW
— at 690 V rated value	11 kW
Auxiliary circuit	
design of the auxiliary switch	integrated
number of NC contacts for auxiliary contacts	1
• note	for contactor disconnection
number of NO contacts for auxiliary contacts	1
• note	for message "Tripped"
number of CO contacts for auxiliary contacts	0
operational current of auxiliary contacts at AC-15	
• at 24 V	3 A
• at 110 V	3 A
• at 120 V	3 A
• at 125 V	3 A
• at 230 V	2 A
• at 400 V	1 A
• at 690 V	0.75 A
operational current of auxiliary contacts at DC-13	
• at 24 V	2 A
• at 60 V	0.3 A
• at 110 V	0.22 A
• at 125 V	0.22 A
• at 220 V	0.11 A
contact rating of auxiliary contacts according to UL	B600 / R300
Protective and monitoring functions	01 400 40
trip class	CLASS 10
•	thormal
design of the overload release	thermal
design of the overload release UL/CSA ratings	thermal
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor	
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value	16 A
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value	
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection	16 A
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link	16 A 16 A
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required	16 A
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions	16 A 16 A fuse gG: 6 A, quick: 10 A
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions  mounting position	16 A 16 A fuse gG: 6 A, quick: 10 A any
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method	16 A 16 A fuse gG: 6 A, quick: 10 A any Contactor mounting
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height	16 A 16 A fuse gG: 6 A, quick: 10 A any Contactor mounting 85 mm
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height  width	16 A 16 A fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth	16 A 16 A fuse gG: 6 A, quick: 10 A any Contactor mounting 85 mm
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  Connections/ Terminals	16 A 16 A fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth	16 A 16 A fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and	16 A 16 A fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit	16 A 16 A fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection	16 A 16 A fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection  • for main current circuit	16 A 16 A 16 A fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm No
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection  • for main current circuit  • for auxiliary and control circuit  arrangement of electrical connectors for main current	16 A 16 A  fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm No  No screw-type terminals screw-type terminals
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection  • for main current circuit  • for auxiliary and control circuit  arrangement of electrical connectors for main current circuit	16 A 16 A  fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm No  No screw-type terminals screw-type terminals
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection  • for main current circuit  • for auxiliary and control circuit  arrangement of electrical connectors for main current circuit  type of connectable conductor cross-sections	16 A 16 A  fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm No  No screw-type terminals screw-type terminals
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection  • for main current circuit  • for auxiliary and control circuit  arrangement of electrical connectors for main current circuit  type of connectable conductor cross-sections  • for main contacts	16 A 16 A  fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm  No  screw-type terminals screw-type terminals Top and bottom
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection  • for main current circuit  • for auxiliary and control circuit  arrangement of electrical connectors for main current circuit  type of connectable conductor cross-sections  • for main contacts  — solid or stranded	16 A 16 A  fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm  No  screw-type terminals screw-type terminals Top and bottom  2x (1 2.5 mm²), 2x (2.5 10 mm²)
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 600 V rated value  Short-circuit protection  design of the fuse link • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection • for main current circuit • for auxiliary and control circuit  arrangement of electrical connectors for main current circuit  type of connectable conductor cross-sections • for main contacts  — solid or stranded  — finely stranded with core end processing	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm  No  screw-type terminals screw-type terminals Top and bottom  2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 600 V rated value  Short-circuit protection  design of the fuse link • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection • for main current circuit • for auxiliary and control circuit  arrangement of electrical connectors for main current circuit  type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm  No  screw-type terminals screw-type terminals Top and bottom  2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²

<ul> <li>solid or stranded</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
<ul> <li>for AWG cables for auxiliary contacts</li> </ul>	2x (20 16), 2x (18 14)
tightening torque	
<ul> <li>for main contacts with screw-type terminals</li> </ul>	2 2.5 N·m
<ul> <li>for auxiliary contacts with screw-type terminals</li> </ul>	0.8 1.2 N·m
design of screwdriver shaft	Diameter 5 6 mm
size of the screwdriver tip	Pozidriv PZ 2
design of the thread of the connection screw	
• for main contacts	M4
<ul> <li>of the auxiliary and control contacts</li> </ul>	M3
Safety related data	
failure rate [FIT] with low demand rate according to SN 31920	50 FIT
MTTF with high demand rate	2 280 a
T1 value for proof test interval or service life according to IEC 61508	20 a
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Display	
display version for switching status	Slide switch
Certificates/ approvals	

**(((**)

Confirmation







For use in hazardous locations



**Declaration of Conformity** 

**General Product Approval** 

**Test Certificates** 

Marine / Shipping





Special Test Certificate

Type Test Certificates/Test Report





Marine / Shipping





LRS







Confirmation

other

other

Railway



Vibration and Shock

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RU2126-4AB0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RU2126-4AB0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

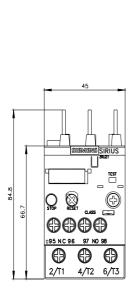
https://support.industry.siemens.com/cs/ww/en/ps/3RU2126-4AB0

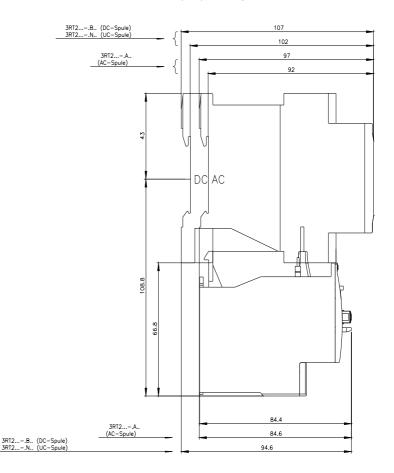
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RU2126-4AB0&lang=en

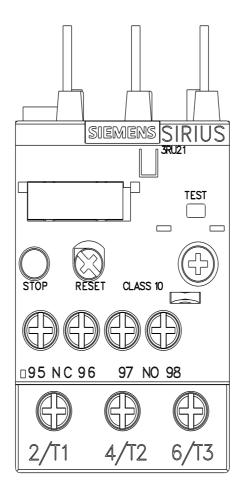
Characteristic: Tripping characteristics, I2t, Let-through current

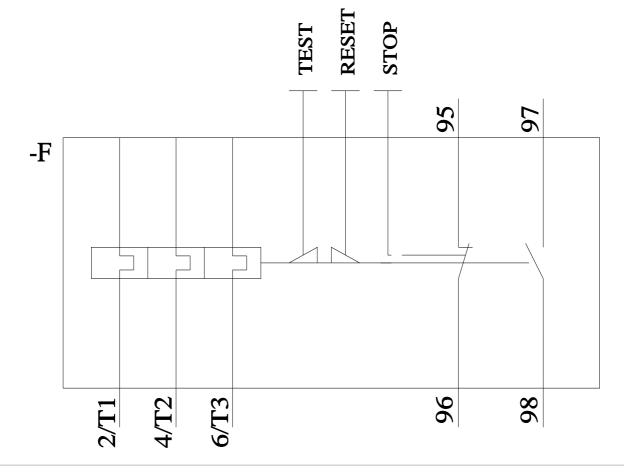
https://support.industry.siemens.com/cs/ww/en/ps/3RU2126-4AB0/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2126-4AB0&objecttype=14&gridview=view1









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