Product data sheet
Characteristics

AK5JB146
Bus bar, Linergy, 30 tap offs, 160A, 600VAC 50/60HZ, 160ALG664MM

Main

Range	Linergy
Product name	HK
Product or Component Type	Busbar
Device Application	Distribution
Tap-offs (18 mm)	30
Bar length	26.30 in (668 mm)
Enclosure/cubicle width	800 mm
Network type	AC
[Ie] rated operational current	160 A 95 °F (35 °C)
[Ue] rated operational voltage	400 V off-load plugging-in and unplugging, with supply switched on)IEC 60439-1 480 V off-load plugging-in and unplugging, with supply switched on)CSA 480 V off-load plugging-in and unplugging, with supply switched on)UL 600 V plugging-in and unplugging, with supply switched off)CSA 600 V plugging-in and unplugging, with supply switched off)UL 690 V plugging-in and unplugging, with supply switched off)IEC 60439-1
Number of conductors	4

Complementary

Bar width	1.77 in (45 mm)
Width	3.19 in (81 mm)
Depth	3.23 in (82 mm)
Network Frequency	50/60 Hz
[Ui] rated insulation voltage	600 V CSA 600 V UL 690 V IEC 60439-1
Peak current	25 kA
I²t on activation	10000000 A².s
Protection type	AM fuses In = 160 A, Isc = 100 kA, Ie = 160 A GF fuses In = 160 A, Isc = 100 kA, Ie = 160 A NS160H circuit breaker In = 160 A, Isc = 36 kA, Ie = 160 A NS160H circuit breaker In = 160 A, Isc = 70 kA, Ie = 160 A
Connections - terminals	Connector 0.00…0.11 in² (2.5…70 mm²) flexible with cable end Connector 0.00…0.11 in² (2.5…70 mm²) rigid
Tightening torque	88.51 lbf.in (10 N.m)
Mounting position	Vertical using side stop AK5BT01 on mounting plates AK5PA Horizontal
Flame retardance	V0 conforming to UL 94
Net Weight	2.87 lb(US) (1.3 kg)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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Environment

Standards	IEC 60439
Product Certifications	LROS (Lloyds register of shipping) DNV UL CSA
IP degree of protection	IPxx B conforming to IEC 60529
Fire resistance	1562 °F (850 °C) IEC 60695

Ordering and shipping details

Category	22623-PANEL BUS (AK5)
Discount Schedule	I11
GTIN	3389110588989
Nbr. of units in pkg.	1
Package weight(Lbs)	3.55 lb(US) (1.61 kg)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	4.25 in (10.8 cm)
Package 1 width	4.33 in (11 cm)
Package 1 Length	29.13 in (74 cm)
Unit Type of Package 2	P06
Number of Units in Package 2	20
Package 2 Weight	101.94 lb(US) (46.24 kg)
Package 2 Height	28.94 in (73.5 cm)
Package 2 width	23.62 in (60 cm)
Package 2 Length	31.50 in (80 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months