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Product data sheet
Characteristics

AK5JB144
Busbar, Linergy HK, 160A, 4 conductors, L452mm, for mounting in enclosure W800mm

Green Premium



Main

Range	Linergy
Product name	HK
Product or component type	Busbar
Device application	Distribution
Number of tap-offs	18
Bar length	452 Mm
Enclosure/cubicle width	800 mm
Network type	AC
[Ie] rated operational current	160 A at 35 °C
[Ue] rated operational voltage	400 V (off-load plugging-in and unplugging, with supply switched on) conforming to IEC 60439-1 480 V (off-load plugging-in and unplugging, with supply switched on) conforming to CSA 480 V (off-load plugging-in and unplugging, with supply switched on) conforming to UL 600 V (plugging-in and unplugging, with supply switched off) conforming to CSA 600 V (plugging-in and unplugging, with supply switched off) conforming to UL 690 V (plugging-in and unplugging, with supply switched off) conforming to IEC 60439-1
Number of conductors	4

Complementary

Bar width	45 Mm
Width	81 Mm
Depth	82 Mm
Network frequency	50/60 Hz
[Ui] rated insulation voltage	600 V conforming to CSA 600 V conforming to UL 690 V conforming to 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 2.5…70 mm² flexible with cable end Connector 2.5…70 mm² rigid
Tightening torque	10 N.M
Mounting position	Vertical mounting using side stop AK5BT01 on mounting plates AK5PA Horizontal mounting

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
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Flame retardance	V0 conforming to UL 94
Net weight	0.9 Kg

Environment

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.000 Cm
Package 1 Width	11.000 Cm
Package 1 Length	52.500 Cm
Package 1 Weight	1.143 Kg
Unit Type of Package 2	P06
Number of Units in Package 2	30
Package 2 Height	75.000 Cm
Package 2 Width	60.000 Cm
Package 2 Length	80.000 Cm
Package 2 Weight	47.290 Kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
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
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

Contractual warranty

Warranty	18 months

Product Life Status : Commercialised