

Product data sheet

Characteristics

AK5JB143

BUSBAR TETRA 160A LG 344M



Main

Range	Linery
Product name	HK
Product or component type	Busbar
Device application	Distribution
Tap-offs (18 mm)	12
Bar length	344 mm
Enclosure/cubicle width	600 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
I ² t on activation	10000000 A ² .s
Protection type	AM fuses In = 160 A, I _{sc} = 100 kA, I _e = 160 A GF fuses In = 160 A, I _{sc} = 100 kA, I _e = 160 A NS160H circuit breaker In = 160 A, I _{sc} = 36 kA, I _e = 160 A NS160H circuit breaker In = 160 A, I _{sc} = 70 kA, I _e = 160 A
Connections - terminals	Connector 2.5...70 mm ² flexible with cable end Connector 2.5...70 mm ² rigid
Tightening torque	10 N.m
Mounting position	Vertical mounting using side stop AK5BT01 on mounting plates AK5PA Horizontal mounting
Flame retardance	V0 conforming to UL 94
Net weight	0.7 kg

Environment

Standards	IEC 60439
Product certifications	CSA UL LROS (Lloyds register of shipping) DNV
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 Weight	977 g
Package 1 Height	11 cm
Package 1 width	11 cm
Package 1 Length	52.5 cm
Unit Type of Package 2	P06
Number of Units in Package 2	30
Package 2 Weight	42.31 kg
Package 2 Height	80 cm
Package 2 width	80 cm
Package 2 Length	60 cm

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
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
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