Product data sheet





Busbar, Linergy HK, 160A, 4 conductors, L1100mm, for mounting in enclosure W1200mm

AK5JB1410

Main

Range	Linergy	
Product Name	НК	
Product Or Component Type	Busbar	
Device Application	Distribution	
Tap-Offs (18 Mm)	54	
Bar Length	43.31 in (1100 mm)	
Enclosure/Cubicle Width	1200 mm	
Network Type	AC	
[le] 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	
I ² T 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 0.000.11 in² (2.570 mm²) flexible with cable end Connector 0.000.11 in² (2.570 mm²) rigid	
Tightening Torque	88.51 lbf.in (10 N.m)	
Mounting Position	ting Position Vertical using side stop AK5BT01 on mounting plates AK5PA Horizontal	
Flame Retardance	V0 UL 94	

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 Net Weight
 4.63 lb(US) (2.1 kg)

Environment

Standards	IEC 60439	
Product Certifications	UL LROS (Lloyds register of shipping) DNV CSA	
Ip Degree Of Protection	f Protection IPxx B IEC 60529	
Fire Resistance	1562 °F (850 °C) IEC 60695	

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.25 in (10.800 cm)
Package 1 Width	4.33 in (11.000 cm)
Package 1 Length	46.06 in (117.000 cm)
Package 1 Weight	5.04 lb(US) (2.285 kg)
Unit Type Of Package 2	P12
Number Of Units In Package 2	35
Package 2 Height	29.53 in (75.000 cm)
Package 2 Width	31.50 in (80.000 cm)
Package 2 Length	47.24 in (120.000 cm)
Package 2 Weight	231.49 lb(US) (105.000 kg)

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance

Ø	Reach Free Of Svhc	
Ø	Toxic Heavy Metal Free	
②	Mercury Free	
⊘	Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
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
Circularity Profile	No need of specific recycling operations