Product datasheet

Specifications

Green Premium™

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

AK5JB144

Discontinued

Main

Range	Linergy
Product Name	HK
Product Or Component Type	Busbar
Device Application	Distribution
Tap-Offs (18 Mm)	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

Disclaimer: 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

Mounting Position	Vertical mounting using side stop AK5BT01 on mounting plates AK5PA Horizontal mounting
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

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
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