

# AK5JB1410

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



## Main

Range	Linergy
Product name	HK
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
[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
I <sup>2</sup> t on activation	10000000 A <sup>2</sup> .s
Protection type	AM fuses I <sub>n</sub> = 160 A, I <sub>sc</sub> = 100 kA, I <sub>e</sub> = 160 A GF fuses I <sub>n</sub> = 160 A, I <sub>sc</sub> = 100 kA, I <sub>e</sub> = 160 A NS160H circuit breaker I <sub>n</sub> = 160 A, I <sub>sc</sub> = 36 kA, I <sub>e</sub> = 160 A NS160H circuit breaker I <sub>n</sub> = 160 A, I <sub>sc</sub> = 70 kA, I <sub>e</sub> = 160 A
Connections - terminals	Connector 0.00...0.11 in <sup>2</sup> (2.5...70 mm <sup>2</sup> ) flexible with cable end Connector 0.00...0.11 in <sup>2</sup> (2.5...70 mm <sup>2</sup> ) 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	4.63 lb(US) (2.1 kg)

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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

Standards	IEC 60439
Product Certifications	UL[RETURN]LR0S (Lloyds register of shipping)[RETURN]DNV[RETURN]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	3389110588965
Returnability	No
Country of origin	FR

## 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)

## 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
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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