

Product data sheet

Specifications



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

AK5JB144

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range	Linergy
Product name	HK
Product or Component Type	Busbar
Device Application	Distribution
Tap-offs (18 mm)	18
Bar length	17.8 in (452 mm)
Enclosure/cubicle width	800 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	1.8 in (45 mm)
Width	3.2 in (81 mm)
Depth	3.2 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 A ² .s
Protection type	AM fuses I _n = 160 A, I _{sc} = 100 kA, I _e = 160 A GF fuses I _n = 160 A, I _{sc} = 100 kA, I _e = 160 A NS160H circuit breaker I _n = 160 A, I _{sc} = 36 kA, I _e = 160 A NS160H circuit breaker I _n = 160 A, I _{sc} = 70 kA, I _e = 160 A
Connections - terminals	Connector 0.004...0.1 in ² (2.5...70 mm ²) flexible with cable end Connector 0.004...0.1 in ² (2.5...70 mm ²) rigid
tightening torque	88.5 lbf.in (10 N.m)
Mounting position	Vertical using side stop AK5BT01 on mounting plates AK5PA Horizontal
Flame retardance	V0 conforming to UL 94

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Net Weight	2.0 lb(US) (0.9 kg)
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Environment

Standards	IEC 60439
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Product Certifications	UL CSA DNV LROS (Lloyds register of shipping)
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IP degree of protection	IPxx B conforming to IEC 60529
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Fire resistance	1562 °F (850 °C) IEC 60695
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Ordering and shipping details

Category	US10I1122623
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Discount Schedule	0111
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GTIN	3389110576795
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Returnability	No
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Country of origin	FR
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Packing Units

Unit Type of Package 1	PCE
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Nbr. of units in pkg.	1
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Package 1 Height	4.331 in (11.000 cm)
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Package 1 Width	4.331 in (11.000 cm)
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Package 1 Length	20.669 in (52.500 cm)
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Package weight(Lbs)	2.560 lb(US) (1.161 kg)
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Unit Type of Package 2	P06
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Number of Units in Package 2	30
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Package 2 Height	29.528 in (75.000 cm)
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Package 2 Width	23.622 in (60.000 cm)
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Package 2 Length	31.496 in (80.000 cm)
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Package 2 Weight	104.257 lb(US) (47.290 kg)
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Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant
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
Halogen content performance	Halogen free plastic parts product
PVC free	Yes
Silicon free	Yes

Use Again

 Repack and remanufacture	
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.