# Product data sheet Characteristics

# AK5JB145 BUSBAR TETRA 160A LG 560M





#### Main

TTT COLLEGE	
Range	Linergy
Product name	HK
Product or component type	Busbar
Device application	Distribution
Tap-offs (18 mm)	24
Bar length	560 mm
Enclosure/cubicle width	800 mm
Network type	AC
[le] 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

- Compromontary	
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 2.570 mm² flexible with cable end Connector 2.570 mm² 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	1.1 kg

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## Environment

Standards	IEC 60439
Product certifications	DNV CSA UL 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**

1 doking office	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.505 kg
Package 1 Height	10.7 cm
Package 1 width	11 cm
Package 1 Length	74.1 cm
Unit Type of Package 2	P06
Number of Units in Package 2	20
Package 2 Weight	43.8 kg
Package 2 Height	80 cm
Package 2 width	80 cm
Package 2 Length	60 cm

# Offer Sustainability

Green Premium product
☑ REACh Declaration
Yes
Compliant
Yes
Yes
€Yes
☑ China RoHS Declaration
Product Environmental Profile
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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