Product datasheet
Characteristics

AK5JB1410
busbar 160A - length 1100 mm - for AK5

Main

Range	Linergy
Product name	HK
Product or component type	Busbar
Device application	Distribution
Number of tap-offs	54
Bar length	1100 mm
Enclosure/cubicle width	1200 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	40 mm
Width	80 mm
Depth	84 mm
Network frequency	50/60 Hz
[Ui] rated insulation voltage	600 V conforming to UL 690 V conforming to IEC 60439-1 600 V conforming to CSA
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 cable with cable end Connector, 2.5...70 mm² rigid cable
Tightening torque	10 N.m
Mounting position	Horizontal mounting Vertical mounting using side stop AK5BT01 on mounting plates AK5PA Vertical mounting using side stop AK5BT01 on mounting plates AK5PA
Flame retardance	V0 conforming to UL 94
Product weight	2.1 kg

Environment

standards	IEC 60439
product certifications	CSA DNV LROS (Lloyds register of shipping) UL
IP degree of protection	IPxx B conforming to IEC 60529
fire resistance	850 °C conforming to IEC 60695