

Product data sheet



Specifications



Circuit Breaker Frame, UEM5-250(MCCB)

Main

Range	UEM5
Product Name	UEM5
Device Short Name	UEM5-250
Product or Component Type	Circuit breaker
Device Application	Distribution
Poles Description	3P、 4P
Rated Current [In]	100A at 40 °C
	125A at 40 °C
	140 A at 40 °C
	160 A at 40 °C
	180 A at 40 °C
	200 A at 40 °C
	225A at 40 °C
	250 A at 40 °C
Rated Operational Voltage[Ue]	400 V AC
Network Type	AC
Network Frequency	50 Hz
Suitability for Isolation	Yes conforming to IEC 60947-2
Utilisation Category	Category A
Breaking Capacity	L、 M、 H

Rated Ultimate Short-Circuit Breaking Capacity [Icu]	L: 35 kA Icu at 400 V AC 50 Hz conforming to IEC 60947-2 M: 50 kA Icu at 400 V AC 50 Hz conforming to IEC 60947-2 H: 70 kA Icu at 400 V AC 50 Hz conforming to IEC 60947-2
Rated Service Short-Circuit Breaking Capacity[Ics]	L: 25 kA Ics at 400V AC 50Hz conforming to IEC 60947-2 M: 50 kA Ics at 400 V AC 50 Hz conforming to IEC 60947-2 H: 50 kA Ics at 400 V AC 50 Hz conforming to IEC 60947-2
Arcing Distance (mm)	≤50mm
Trip Unit Technology	Thermal-magnetic Magnetic
Control Type	Operated by handle Operated by motorized operating mechanism Operated by rotary operating mechanism
Circuit Breaker Mounting Mode	Fixed Plug-in type

Complementary

Rated Insulation Voltage [Ui]	800 V AC 50 Hz
Rated Impulse Withstand Voltage [Uimp]	8 kV
Mechanical Durability	7000 cycles
Electrical Durability	1000 cycles at 400 V In
Mounting Position	Horizontal and vertical flat on the back
Connection Pitch	35 mm
Instantaneous Protection	10In (For power distribution)
Pick-up Adjustment Range [Ii]	12In (For motor protection)
Electrical Accessory Types	Alarm contact Shunt release Auxiliary contact Undervoltage release
Width	105mm (3P) 、 140mm (4P)
Height	165mm
Depth	61mm (L)、 85mm (M、 H)
Net Weight	L: 1.5kg (3P) /2.1kg (4P) 、 M、 H: 2.0kg (3P) /2.9kg (4P)

Environment

Standards	EN/IEC 60947
Product Certifications	CCC CB
Pollution Degree	3 conforming to IEC 60664-1
Ambient Air Temperature for Operation	-25...70 °C
Ambient Air Temperature for Storage	-40...70 °C
Relative Humidity	0...95 % (25°C)
Operating Altitude	0...2000 m without derating 2000 m...4000 m with derating

Packing Units

Package	3P L	3P M	4P L	4P M
Unit Type of Package 1	PCE			
Number of Units in Package 1	1			
Package Height 1	15.6cm	16.8cm	16.8cm	16.8cm
Package Width 1	17.2cm	18.7cm	21.1cm	21.1cm
Package Length 1	20.1cm	21.1cm	22.2cm	22.2cm
Package Weight 1	1.64kg	2.5kg	2.47kg	3.37kg
Unit Type of Package 2	Box			
Number of Units in Package 2	12	8	8	8
Package Height 2	33.3cm	35.7cm	36.1cm	36.1cm
Package Width 2	35.5cm	38.5cm	43.3cm	43.3cm
Package Length 2	41.5cm	43.5cm	45.7cm	45.7cm
Package Weight 2	19.7kg	20kg	19.76kg	27kg

Offer Sustainability

China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
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