

Specifications



Circuit Breaker Frame, UEM5-630(MCCB)

Main

Range	UEM5
Product Name	UEM5
Device Short Name	UEM5-630
Product or Component Type	Circuit breaker
Device Application	Distribution
Poles Description	3P、 4P
Rated Current [In]	400 A at 40 °C 500 A at 40 °C 630 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: 35 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: 70 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 Withdrawable type

Complementary

Rated Insulation Voltage [Ui]	800 V AC 50 Hz
Rated Impulse Withstand Voltage [Uimp]	8 kV
Mechanical Durability	4000 cycles
Electrical Durability	1000 cycles at 400 V In
Mounting Position	Horizontal and vertical flat on the back
Connection Pitch	44 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	140mm (3P) 、184mm (4P)
Height	257 mm
Depth	97 mm
Net Weight	7.5 kg (3P) /9.6 kg (4P)

Environment

Standards	EN/IEC 60947-2
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	4P
Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package Height 1	18.5cm	18.5cm
Package Width 1	22cm	26.5cm
Package Length 1	37.8cm	37.8cm
Package Weight 1	8.2kg	10.35kg
Unit Type of Package 2	Box	
Number of Units in Package 2	2	2
Package Height 2	19.5cm	19.5cm
Package Width 2	38.5cm	38.5cm
Package Length 2	45.5cm	54.5cm
Package Weight 2	16.4kg	20.7kg

Offer Sustainability

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