

# Product data sheet



## Specifications



## Circuit Breaker Frame, UEM5-800(MCCB)

### Main

Range	UEM5
Product Name	UEM5
Device Short Name	UEM5-800
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 700 A at 40 °C 800 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: 50 kA Icu at 400 V AC 50 Hz conforming to IEC 60947-2 M: 65 kA Icu at 400 V AC 50 Hz conforming to IEC 60947-2 H: 85 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: 65 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	2500 cycles
Electrical Durability	500 cycles at 400 V In
Mounting Position	Horizontal and vertical flat on the back
Connection Pitch	70 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	210mm (3P) 、 280mm (4P)
Height	275 mm
Depth	104 mm
Net Weight	9.7 kg (3P) /12.8 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	29cm	36cm
Package Length 1	48.5cm	48.5cm
Package Weight 1	10.4kg	13.55kg

## Offer Sustainability

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