

Specifications



UEB6-40 MCB

Main

Device Application	Distribution
Range	UEB6
Product Name	UEB6-40
Product or Component type	Miniature circuit-breaker
Device Short Name	/
Poles Description	1P+N
Number of Protected Poles	1
Rated Current [In]	6A, 10A, 16A, 20A, 25A, 32A, 40A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	B, C, D
Breaking Capacity	4500 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 6000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1
Utilisation Category	Category A conforming to EN 60898-1 Category A conforming to IEC 60898-1
Suitability for Isolation	Yes conforming to EN 60898-1 Yes conforming to IEC 60898-1
Standards	EN 60898-1

Complementary

Network Frequency	50/60Hz
Magnetic Tripping Limit	3...5In (B) 、 5...10In (C) 、 10...20In (D)
Rated Service Breaking Capacity [Ics]	4500 A 100 % conforming to EN 60898-1 - 230 V AC 50/60 Hz

6000 A 100 % conforming to EN 60898-1 - 230 V AC 50/60 Hz

Limitation class	3 conforming to EN 60898-1 3 conforming to IEC 60898-1
Rated Insulation Voltage [Ui]	500 V AC
Rated Impulse Withstand Voltage [Uimp]	4 kV
Contact Position Indicator	Yes
Control Type	Toggle
Local Signalling	Trip indicator
Mounting Support	DIN rail
9 mm Pitches	/
Height	80mm
Width	18mm
Depth	76.5mm
Net Weight	105g
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	10000 cycles
Connections - Terminals	Screw clamp terminal (top or bottom) 0.75 ...16 mm ² rigid Screw clamp terminal (top or bottom) 0.75 ...16 mm ² flexible
Wire Stripping Length	11mm for top or bottom connection
Tightening Torque	1.2 top or bottom
Earth-Leakage	/

Environment

IP Degree of Protection	IP20
Pollution Degree	2
Overvoltage Category	II/III
Tropicalisation	/
Relative Humidity	90%-96% RH at 55°C 95%-100% RH at 25°C
Ambient Air Temperature for Operation	-35...70 °C
Ambient Air Temperature for Storage	-40...85 °C

Packaging Unit

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package Height 1	5.500 cm
Package Width 1	7.500 cm
Package Length 1	9.000 cm
Package Weight 1	341.000 g
Unit type of Package 2	BB1
Number of Units in Package 2	4
Package Height 2	8.000 cm

Package Width 2	9.000 cm
Package Length 2	22.500 cm
Package Weight 2	1.421 kg

Offer Sustainability

Sustainable Offer Status	Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury Free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS Exemption Information	Yes
Environmental Disclosure	Product Environmental Profile
WEEE	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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