

Product data sheet



Specifications



UEB3-40 MCB

Main

Device Application	Distribution
Range	UEB3
Product Name	UEB3-40
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	10000 cycles
Electrical Durability	4000 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
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Package Weight 2	1.421 kg
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Offer Sustainability

Sustainable Offer Status	Premium product
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REACH Regulation	REACH Declaration
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EU RoHS Directive	Compliant EU RoHS Declaration
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Mercury Free	Yes
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China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
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RoHS Exemption Information	Yes
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Environmental Disclosure	Product Environmental Profile
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WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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Contractual Warranty

Warranty	18 months
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