

Product datasheet

Specifications



EZS100E TM16D circuit breaker - 3P/3d

EZS100E3016

Main

Range of product	EasyPact EZS
Product or component type	Circuit breaker
Device short name	EZS100E
Circuit breaker application	Distribution
Poles description	3P
Protected poles description	3D
Suitability for isolation	Yes

Complementary

Neutral position	Left
[In] rated current	16 A at 40 °C
Breaking capacity code	E
Network type	AC
Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-2
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2 400 V AC 50/60 Hz conforming to GB 14048.2
Breaking capacity	50 kA Icu at 220/240 V AC 50/60 Hz conforming to EN/IEC 60947-2 25 kA Icu at 380/400 V AC 50/60 Hz conforming to EN/IEC 60947-2 25 kA Icu at 415 V AC 50/60 Hz conforming to EN/IEC 60947-2 17 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 40 kA Icu at 200/230 V AC 50/60 Hz conforming to GB 14048.2 25 kA Icu at 380/400 V AC 50/60 Hz conforming to GB 14048.2
Utilisation category	Category A
[Ics] rated service breaking capacity	25 kA at 220/230 V AC 50/60 Hz conforming to GB 14048.2 13 kA at 380/400 V AC 50/60 Hz conforming to GB 14048.2 25 kA at 220/240 V AC 50/60 Hz conforming to EN/IEC 60947-2

15 kA at 380/400 V AC 50/60 Hz conforming to EN/IEC 60947-2

Mechanical durability	13000 cycles conforming to EN/IEC 60947-2 20000 cycles conforming to GB 14048.2
Electrical durability	4000 cycles 415 V In/2 conforming to EN/IEC 60947-2 8000 cycles 400 V In conforming to GB 14048.2
Connection pitch	25 mm
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	16 A at 40 °C
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)
Long time pick-up adjustment type Ir	Fixed
Long time pick-up adjustment range	1 In
Long time delay adjustment type	Fixed
Instantaneous pick-up adjustment type Ii	Fixed
Integral instant protection	300 kA
Height	130 mm
Width	75 mm
Depth	60 mm
Net weight	0.78 kg

Environment

Standards	EN 60947-2 IEC 60947-2
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-35...70 °C
Ambient air temperature for storage	-50...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	820 g
Package 1 Height	67 mm
Package 1 width	77 mm
Package 1 Length	130 mm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration

Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
