



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	50 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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	50 A at 40 °C
Protection type	Short-circuit protection (magnetic) Overload protection (thermal)
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	500 kA
Height	130 mm
Width	75 mm
Depth	60 mm
Net weight	0.78 kg

Environment

Standards	IEC 60947-2 EN 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	870 g
Package 1 Height	9.787 cm
Package 1 width	11.705 cm
Package 1 Length	15.808 cm

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