



Main

Range of product	EasyPact
Product or component type	Circuit breaker
Device short name	Easypact EZC100H
Circuit breaker name	Easypact EZC100H
Device application	Distribution
Poles description	2P
Protected poles description	2t
Network type	DC AC
Network frequency	50/60 Hz
[In] rated current	100 A at 40 °C
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2
[Ue] rated operational voltage	550 V AC 50/60 Hz conforming to IEC 60947-2 250 V DC conforming to IEC 60947-2
Breaking capacity code	H
Breaking capacity	10 kA Icu at 125 V DC 1P conforming to IEC 60947-2 10 kA Icu at 250 V DC 2P conforming to IEC 60947-2 10 kA Icu at 550 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 110...130 V AC 50/60 Hz conforming to IEC 60947-2 20 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 30 kA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 30 kA Icu at 400...415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	15 kA at 380 V AC 50/60 Hz conforming to IEC 60947-2 5 kA at 125 V DC conforming to IEC 60947-2 5 kA at 250 V DC conforming to IEC 60947-2 50 kA at 110/130 V AC 50/60 Hz conforming to IEC 60947-2 5 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 2.5 kA at 550 V AC 50/60 Hz conforming to IEC 60947-2 7.5 kA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2

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

25 kA at 220/230/240 V AC 50/60 Hz conforming to IEC 60947-2

Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	30 A at 50 °C
Protection type	Overload protection Short-circuit protection
Pollution degree	3 conforming to IEC 60664-1 3 conforming to IEC 947-1

Complementary

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Mechanical durability	8500 cycles
Electrical durability	Category A: 1500 cycles 415 V AC 50/60 Hz conforming to IEC 60947-2
Connection pitch	25 mm
Local signalling	Positive contact indication
Neutral protection setting	Without protection
Earth-leakage protection	Without
Height	130 mm
Width	50 mm
Depth	60 mm

Environment

Standards	GB/T 14048.2 JIS C8201-2-2 EN/IEC 60947-1 EN/IEC 60947-2
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-35...85 °C

Packing Units

Package 1 Weight	0.555 kg
Package 1 Height	0.950 dm
Package 1 width	0.600 dm
Package 1 Length	1.400 dm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH free of SVHC	Yes
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

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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