Product datasheet

Specifications

Green Premium™

circuit breaker Easypact EZC100N - TMD - 25 A - 1 pole 1d

EZC100N1025

Main

Range of product	EasyPact
product or component type	Circuit breaker
Device short name	Easypact EZC100N
Circuit breaker name	Easypact EZC100N
Device application	Distribution
poles description	1P
Protected poles description	1t
Network type	AC DC
Network frequency	50/60 Hz
[In] rated current	25 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	125 V DC conforming to IEC 60947-2 415 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity code	N
Breaking capacity	25 kA Icu at 110...130 V AC 50/60 Hz conforming to IEC 60947-2 5 kA Icu at 125 V DC 1P conforming to IEC 60947-2 18 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 2.5 kA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 2.5 kA Icu at 400...415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	12.5 kA at 110/130 V AC 50/60 Hz conforming to IEC 60947-2 2.5 kA at 125 V DC conforming to IEC 60947-2 9 kA at 220/230/240 V AC 50/60 Hz conforming to IEC 60947-2 1.25 kA at 380 V AC 50/60 Hz conforming to IEC 60947-2 1.25 kA at 400/415 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	25 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	13000 cycles
Electrical durability	Category A: 4000 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	25 mm
Depth	60 mm

Environment

Standards	JIS C8201-2-2 EN/IEC 60947-2 GB/T 14048.2 EN/IEC 60947-1
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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.2 cm
Package 1 Width	9.5 cm
Package 1 Length	14.0 cm
Package 1 Weight	340.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	32
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	11.303 kg
Unit Type of Package 3	P12
Number of Units in Package 3	1024
Package 3 Height	100 cm
Package 3 Width	125 cm

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Package 3 Length	55 cm
Package 3 Weight	373.16 kg

Contractual warranty

Warranty	12 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency   RoHS/REACh

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant
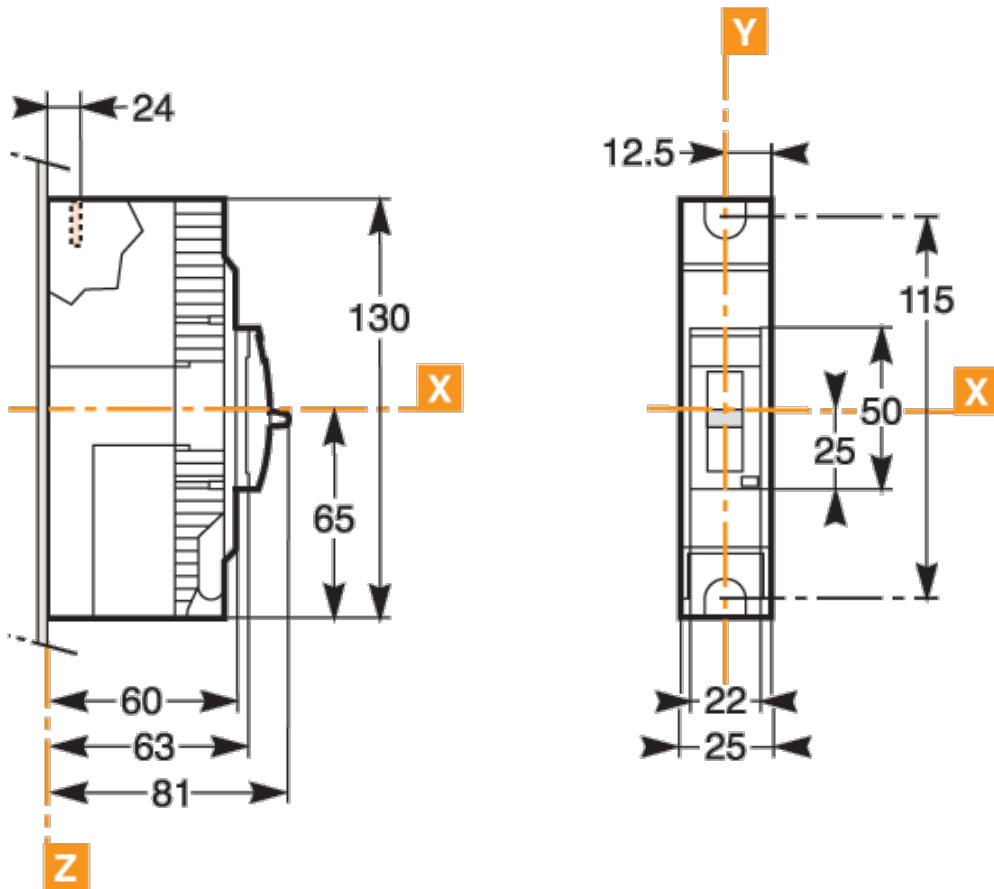
                                    EU RoHS Declaration

China Rohs Regulation   China RoHS declaration

Environmental Disclosure   Product Environmental Profile
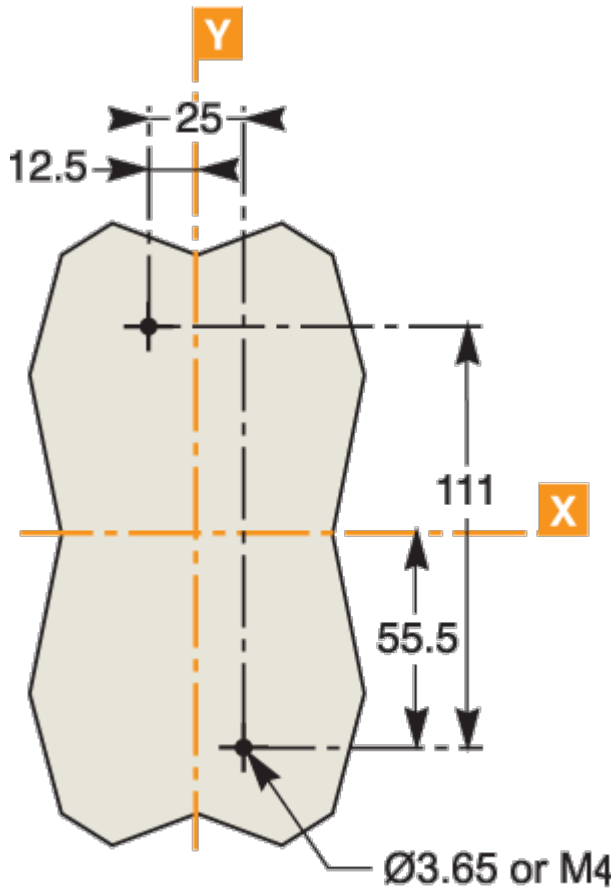
Weee   The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile   No need of specific recycling operations

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Dimensions Drawings

EZC100N1025

Assembly

Ø3.65 or M4

Performance Curves