

Product datasheet

Specifications



circuit breaker, EasyPact EZC100N, TMD, 30A, 1 pole 1d

EZC100N1030

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	30 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	30 A at 50 °C
Protection type	Short-circuit protection Overload protection
Pollution degree	3 conforming to IEC 60664-1 3 conforming to IEC 947-1

Complementary

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

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Mechanical durability	13000 cycles
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	EN/IEC 60947-2 EN/IEC 60947-1 GB/T 14048.2 JIS C8201-2-2
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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14 cm
Package 1 Width	3 cm
Package 1 Length	10 cm
Package 1 Weight	340 g
Unit Type of Package 2	S02
Number of Units in Package 2	32
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	11.12 kg
Unit Type of Package 3	P12
Number of Units in Package 3	1024
Package 3 Height	75 cm
Package 3 Width	80 cm
Package 3 Length	120 cm

Package 3 Weight	374 kg
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Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Total lifecycle Carbon footprint	43
Environmental Disclosure	Product Environmental Profile

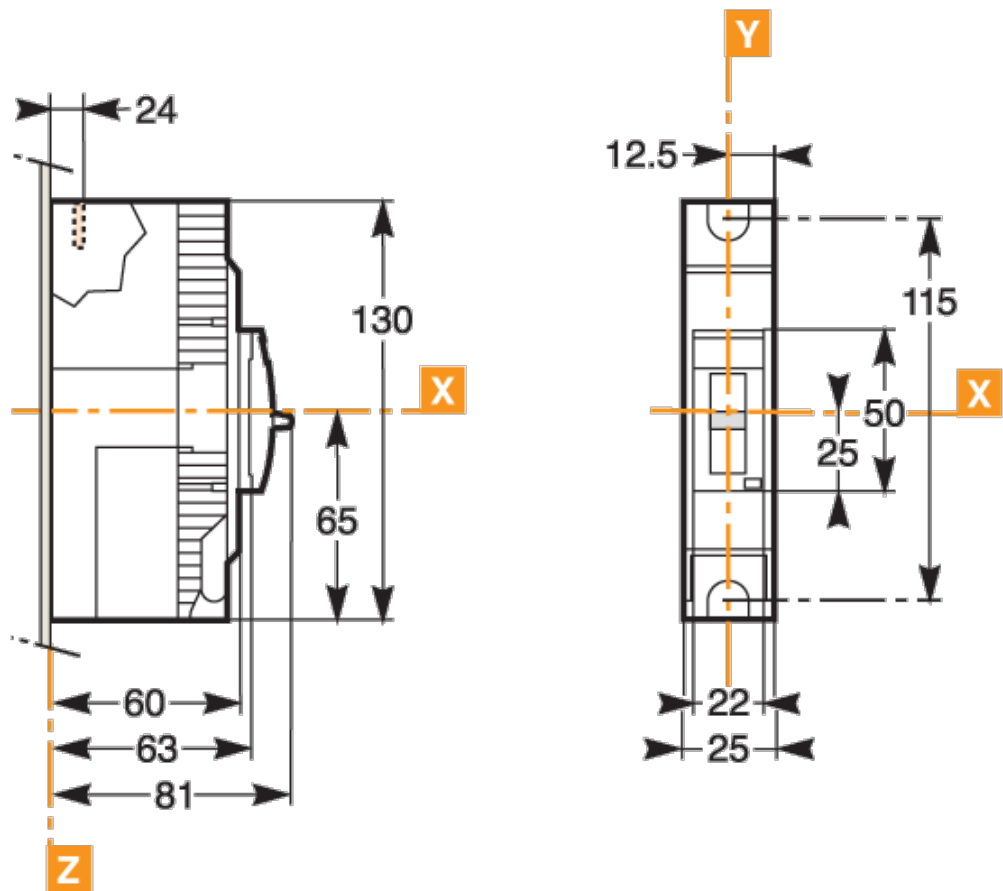
Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards
EU RoHS Directive	Compliant
REACH Regulation	REACH Declaration

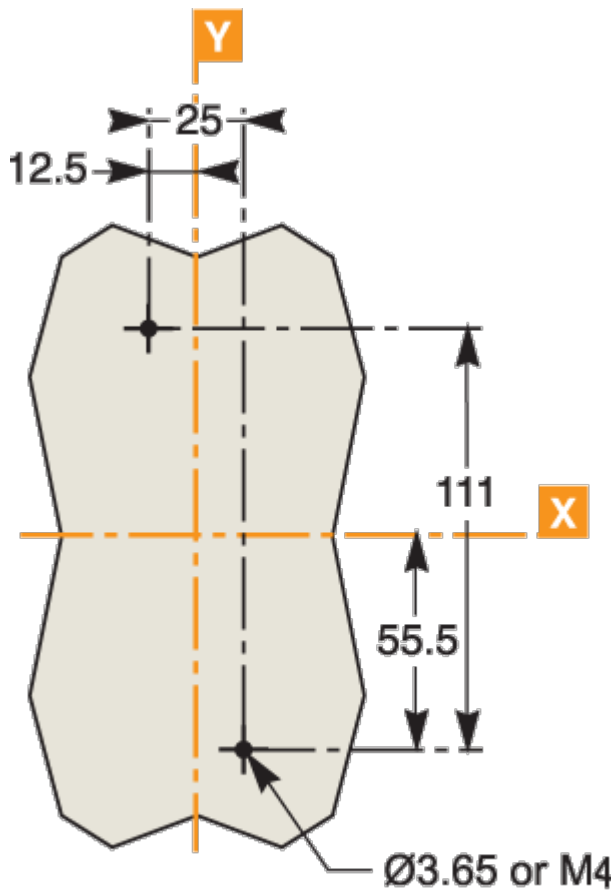
Use Again

Repack and remanufacture	
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

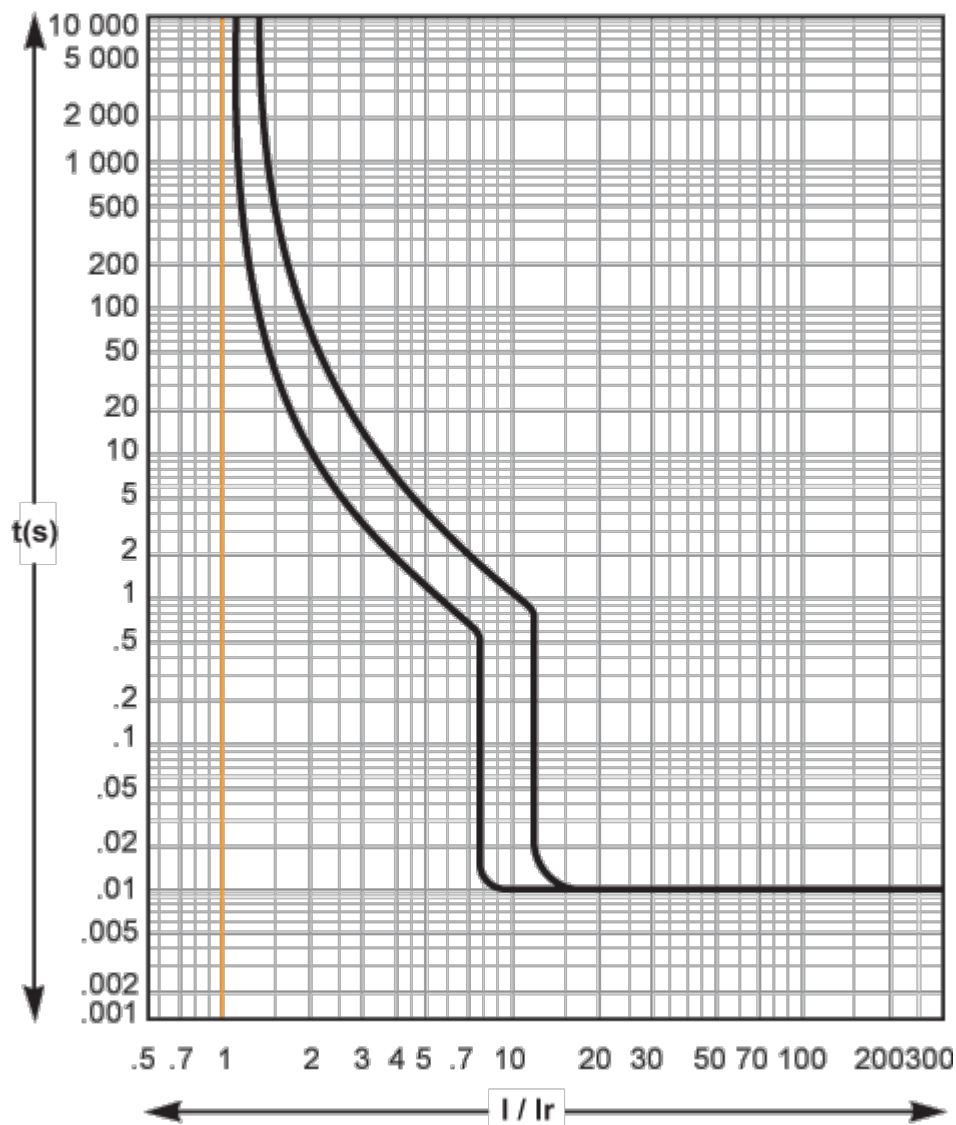
Dimensions Drawings



Assembly



Performance Curves



Offer Marketing Illustration

Product benefits / Features

A Schneider EasyPact EZC circuit breaker is shown against a green circular background. The device is a dark grey, rectangular unit with a central handle and multiple terminal ports on the top and bottom. The Schneider logo is visible on the front panel.

EasyPact EZC

Technical Benefits

- ideal for simple applications in smaller buildings
- Rated current from 15 to 630 A
- Breaking capacity up to 50 kA at 400/415 V.
- 1, 2, 3 and 4 pole versions and 3 frame sizes.
- Thermal-magnetic for the entire range.
- Built-in integrated earth-leakage protection (EZC 250 ELCB).
- Compliance with international standards: IEC 60947-1 and 2, CCC, EAC and other local certifications.

Offer Marketing Illustration

Product benefits / Features

EasyPact EZC

Moulded Case Circuit Breaker



Easy to choose

A wide range of auxiliaries, and accessories for effortless selection and complete customization.



Effortless setup

Fixed front mounting, plug-in option, front connections, and interchangeable MCCB and ELCB for seamless adaptability.



Easy to use

Positive contact indication for enhanced safety and reliability with compact case optimized for tight spaces.



Offer Marketing Illustration

Product benefits / Features



EasyPact EZC Range Accessories

Control Accessories



Direct rotary handle



Extended rotary handle

Electrical Auxiliaries



Indication contact



Voltage releases

Connection Accessories



Terminal extension



Cable connectors



Rear connectors

Insulation Accessories



Terminal shield



Interphase barriers

Plug-in Accessories

