

Product datasheet

Specifications



circuit breaker,EasyPact EZC125N ,TMD, 125A ,3 poles 3d

EZC125H3125

Main

Range of product	EasyPact
Product or component type	Circuit breaker
Device application	Distribution
Poles description	3P
Protected poles description	3t
Network type	DC AC
Network frequency	50/60 Hz
[In] rated current	125 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 60947-2 100 kA Icu at 220...240 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
[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 50 kA at 220/230/240 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
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	125 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

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

Complementary

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	75 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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.5 cm
Package 1 Width	9 cm
Package 1 Length	14 cm
Package 1 Weight	784 g
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	9.81 kg
Unit Type of Package 3	P12
Number of Units in Package 3	384
Package 3 Height	75 cm
Package 3 Width	80 cm

Package 3 Length	120 cm
Package 3 Weight	328 kg

Contractual warranty

Warranty (in months)	18
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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	366 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	6 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	359 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	2f056a23-c1b4-46c1-8630-b1aa20ec1448

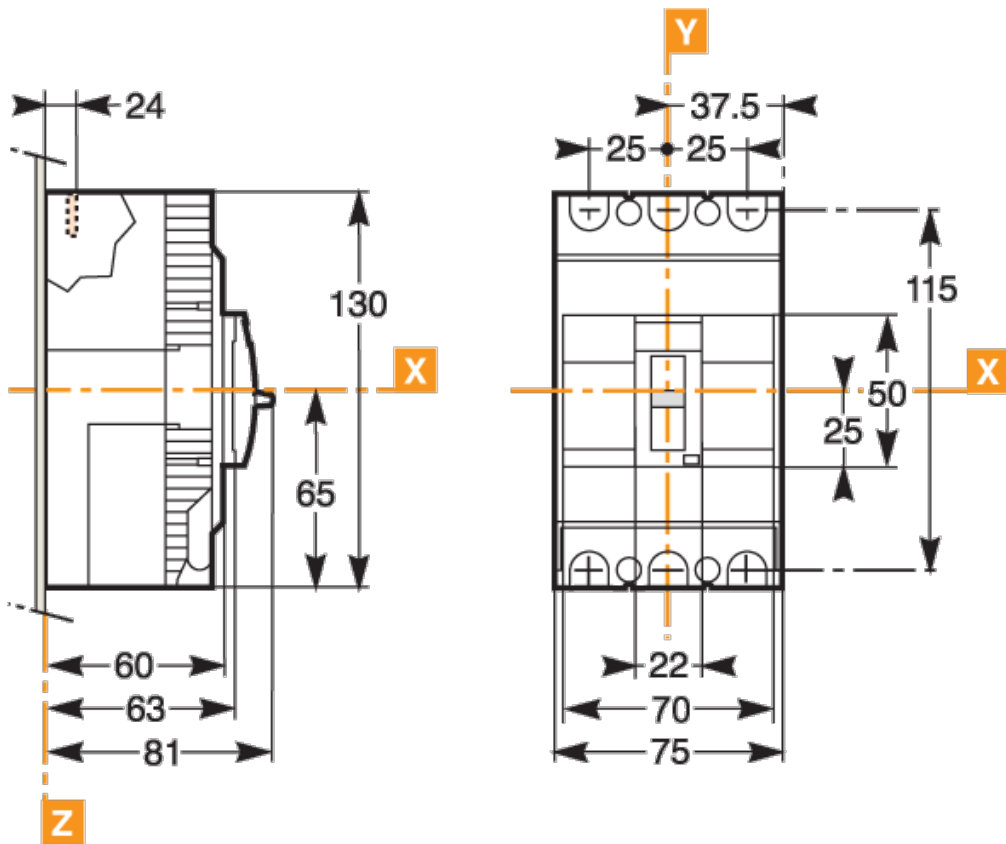
Use Longer

 Lifetime extension	
Repair	No

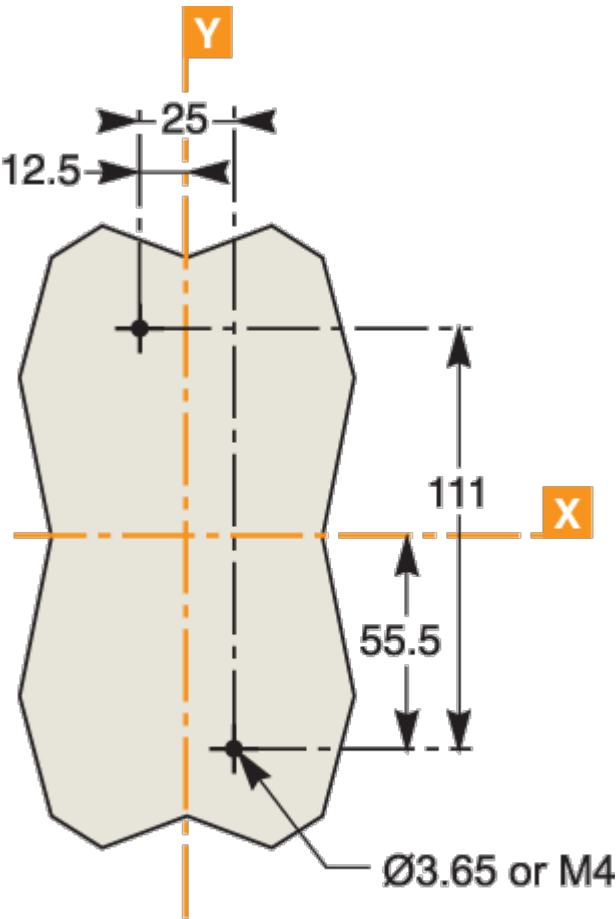
Use Again

 Repack and remanufacture	
Recyclability potential, in %	43
End of life manual availability	No need of specific recycling operations
Take-back	No

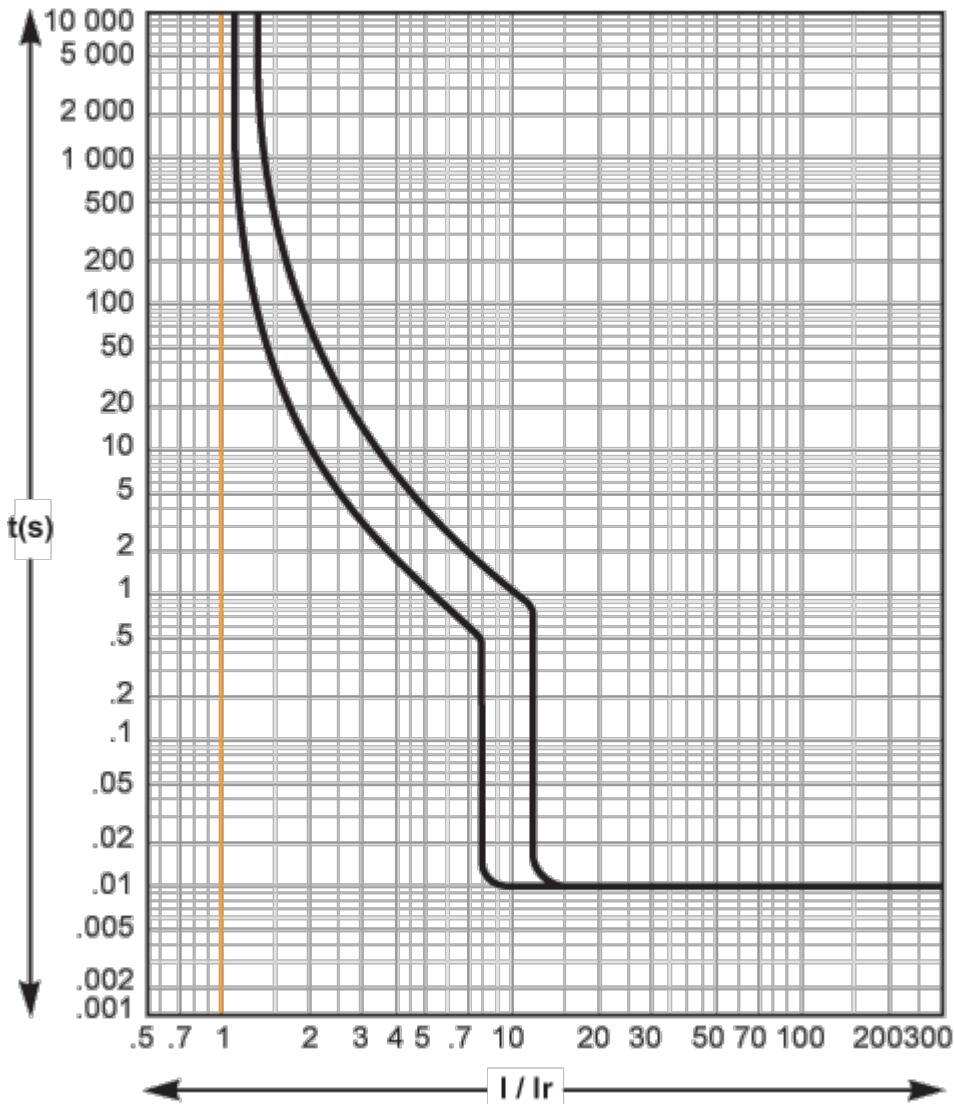
Dimensions Drawings



Assembly



Performance Curves



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Product benefits / Features



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

