Product data sheet

Specifications

circuit breaker Easypact EZC100H - TMD - 60 A - 3 poles 3d

EZC100H3060

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	3P
Protected poles description	3t
Network type	AC DC
Network frequency	50/60 Hz
[In] rated current	60 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	60 A at 50 °C
Protection type	Short-circuit protection Overload protection

List Price displayed is VAT EXCLUSIVE.

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
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
	EN/IEC 60947-2
	EN/IEC 60947-1
	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	9.5 cm
Package 1 Width	8.5 cm
Package 1 Length	14.0 cm
Package 1 Weight	843.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	10.153 kg
Unit Type of Package 3	P12
Number of Units in Package 3	192

Package 3 Height	80.0 cm
Package 3 Width	80.0 cm
Package 3 Length	120.0 cm
Package 3 Weight	175.184 kg

Contractual warranty

Warranty	18 months

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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	**208**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances
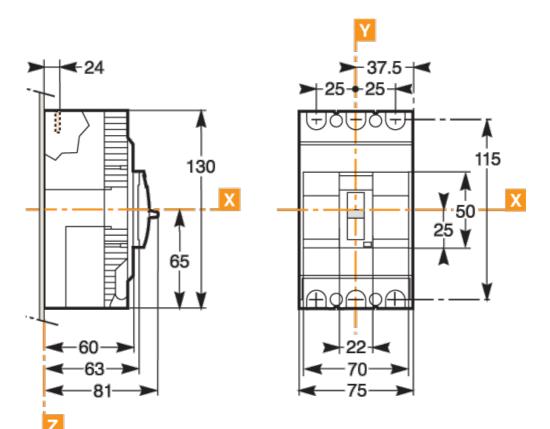
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant**
REACh Regulation	**REACh Declaration**
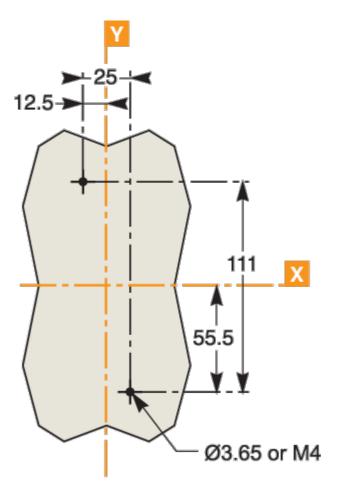
Use Again

Repack and remanufacture

Circularity Profile	**No need of specific recycling operations**
Take-back	**No**
WEEE	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**
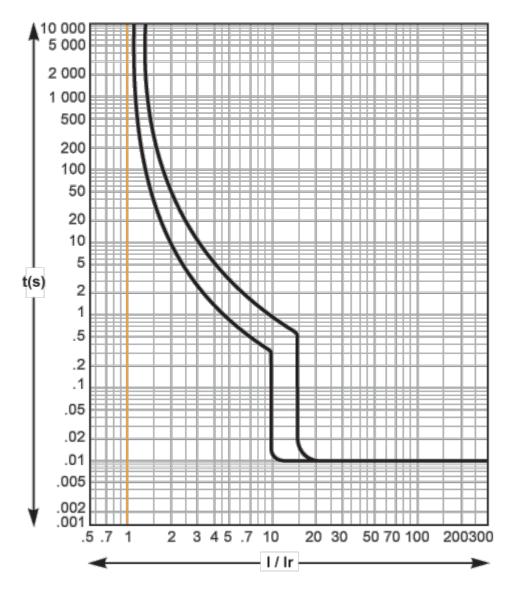
Dimensions Drawings

Assembly

Y

12.5

25

111

X

55.5

Ø3.65 or M4

Performance Curves

Offer Marketing Illustration

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

Technical Illustration

Assembly's dimensions