

Product datasheet

Specifications



circuit breaker EasyPact EZC100N - TMD - 63 A - 1 pole 1d

EZC100N1063

Discontinued on: 15 March 2023

End-of-service on: 15 June 2023

Discontinued

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	DC AC
Network frequency	50/60 Hz
[In] rated current	63 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...400 V AC 50/60 Hz conforming to IEC 60947-2 2.5 kA Icu at 415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	2.5 kA at 125 V DC conforming to IEC 60947-2 9 kA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 1.25 kA at 380...400 V AC 50/60 Hz conforming to IEC 60947-2 1.25 kA at 415 V AC 50/60 Hz conforming to IEC 60947-2 12.5 kA at 110...130 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	63 A at 50 °C
Protection type	Short-circuit protection Overload protection

Pollution degree	3 conforming to IEC 60947
------------------	---------------------------

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	25 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 EN 50102
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	3 cm
Package 1 Length	13.5 cm
Package 1 Weight	354 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	11.57 kg
Unit Type of Package 3	P12
Number of Units in Package 3	1024
Package 3 Height	75 cm

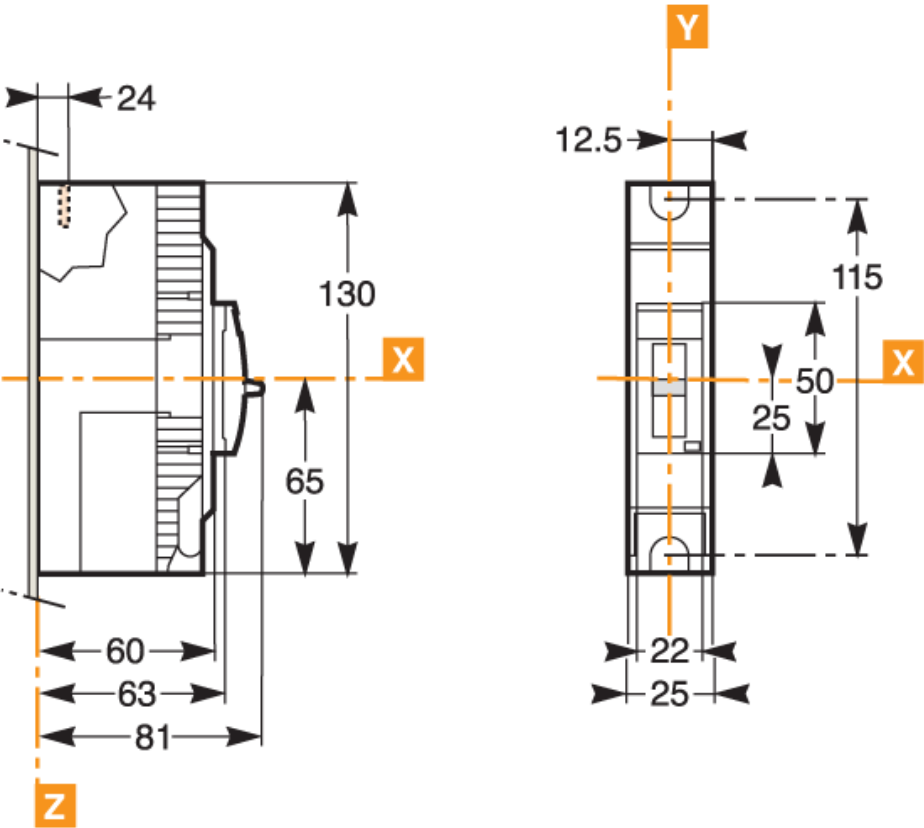
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	387.496 kg

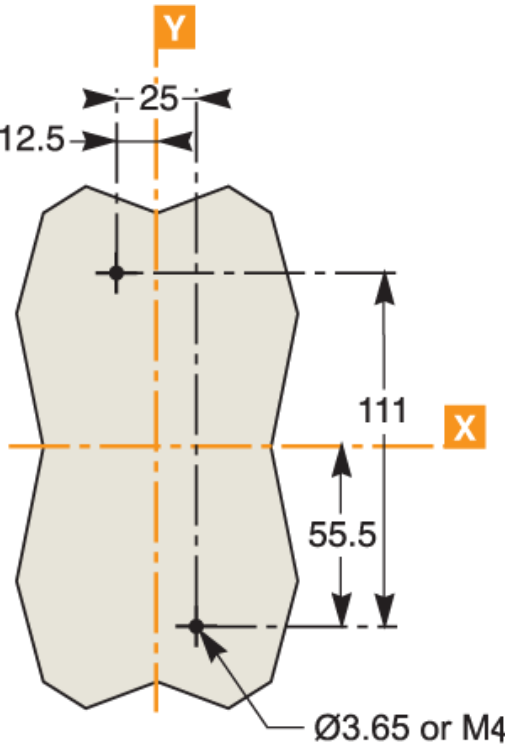
Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
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

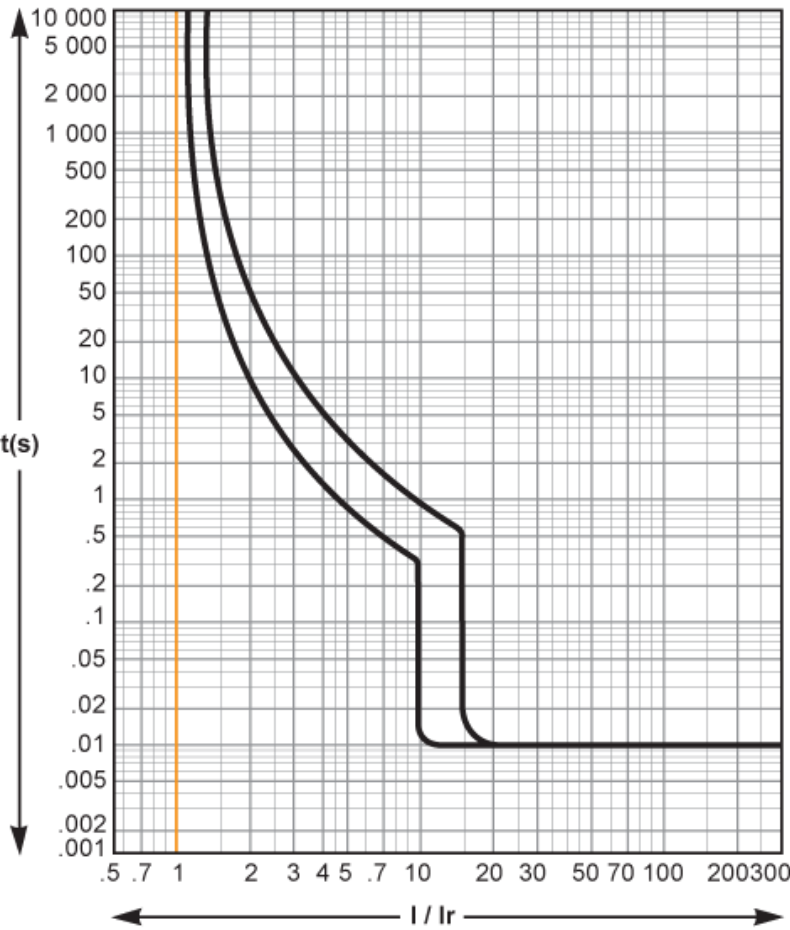
Contractual warranty

Warranty	18 months
----------	-----------





Performance Curves



Recommended replacement(s)

EZC100N1063 is replaced by:

1x



circuit breaker Easypact EZC100H - TMD - 63 A - 1 pole 1d
EZC100H1063