Product data sheet

Specifications



circuit breaker Easypact EZC630H - TMD - 600 A - 3 poles 3d

EZC630H3600N

Main

Range of product	EasyPact
Product or component type	Circuit breaker
Device short name	Easypact EZC630H
Circuit breaker name	Easypact EZC630H
Device application	Distribution
Poles description	3P
Protected poles description	3t
Network type	AC
Network frequency	50/60 Hz
[In] rated current	630 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	440 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity code	H
Breaking capacity	50 kA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 70 kA Icu at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	25 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 70 kA at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 380 V AC 50/60 Hz conforming to IEC 60947-2 50 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	600 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

List Price displayed is VAT EXCLUSIVE.

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

Upside connection	Front
Downside connection	Front
Mechanical durability	10000 cycles
Electrical durability	Category A: 3000 cycles 415 V AC 50/60 Hz conforming to IEC 60947-2
Connection pitch	45 mm
Local signalling	Positive contact indication
Contact position indicator	Yes
Magnetic tripping current	4000 A
Neutral protection setting	Without protection
Long time pick-up adjustment type Ir	Fixed
Long time delay adjustment type	Fixed
Earth-leakage protection	Without
Height	255 mm
Width	140 mm
Depth	110 mm
Net weight	6.4 kg
Quantity per set	1 piece
Colour	Black

Environment

Standards	EN/IEC 60947-2 GB/T 14048.2 JIS C8201-2-2 EN/IEC 60947-1
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	15.500 cm
Package 1 Width	15.700 cm
Package 1 Length	29.300 cm
Package 1 Weight	5.282 kg
Unit Type of Package 2	S04
Number of Units in Package 2	3
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	16.772 kg

Contractual warranty

Warranty (in months)	18

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	**1 902 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**39 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**3 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**1 851 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**9 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

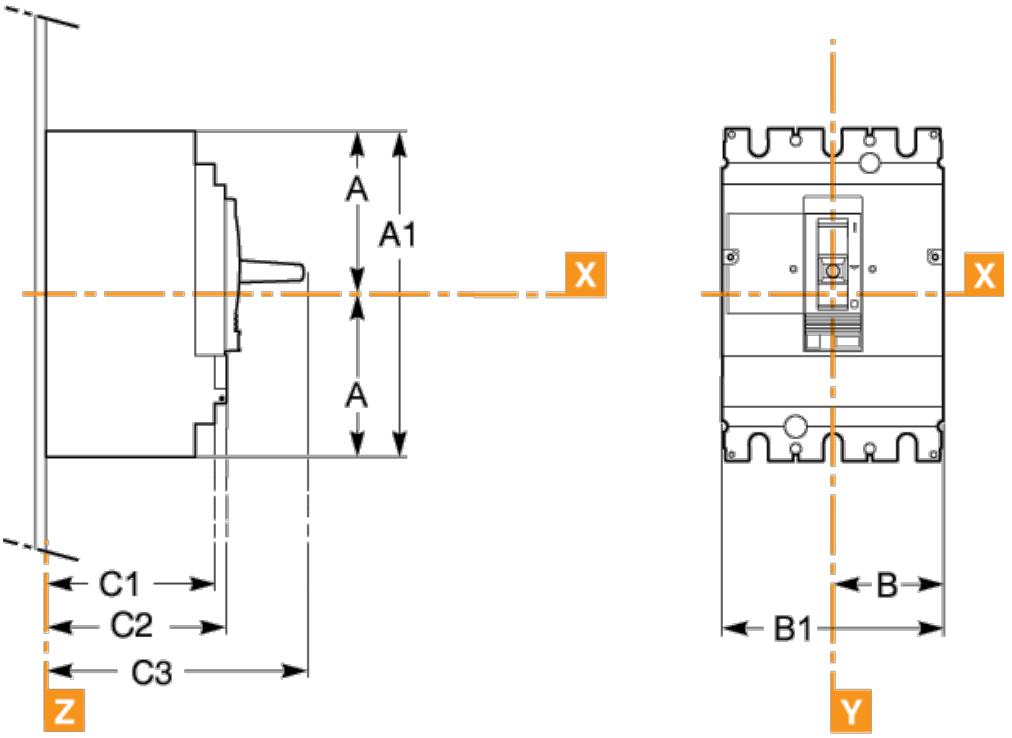
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards**
SCIP Number	**2958c627-310e-4ae4-a905-31a369b1aaa8**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
PVC free	**Yes**

Use Again

Repack and remanufacture

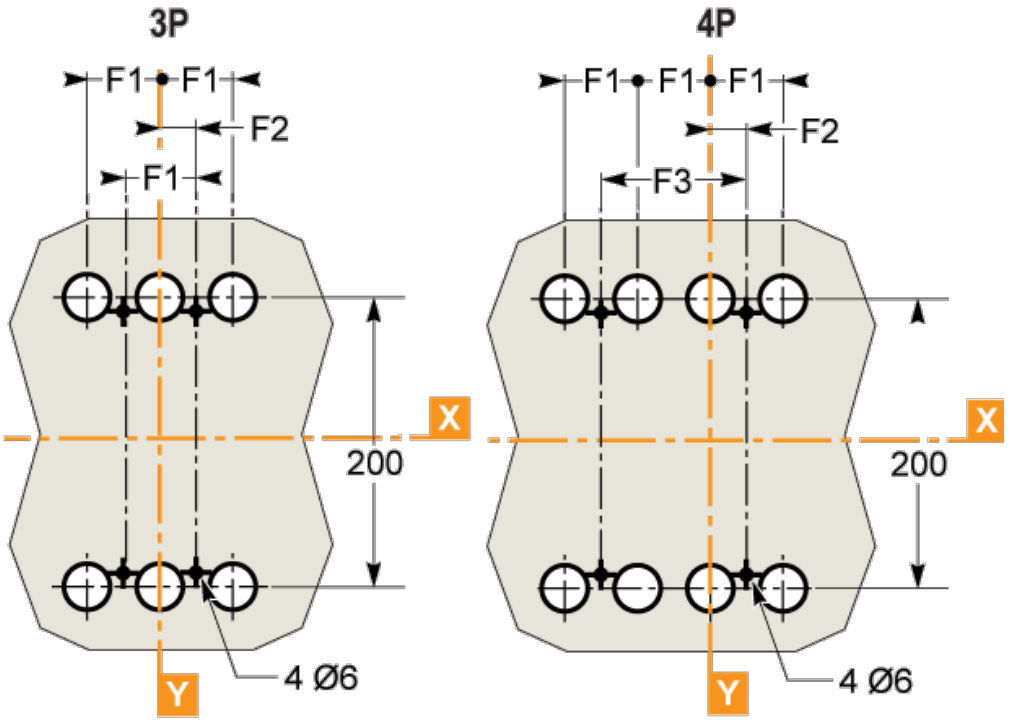
Recyclability potential, in %	**84**
End of life manual availability	End of Life Information
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Dimensions Drawings



A	A1	B	B1	B2	F1	F2	F3
127.5	255	70	140	185	45	22.5	90

Assembly



A	A1	B	B1	B2	F1	F2	F3
127.5	255	70	140	185	45	22.5	90

Performance Curves

