Product datasheet

Specifications



circuit breaker Easypact EZC630N - TMD - 600 A - 4 poles 3d

EZC630N4600N

Price: 15,855.44 ZAR

Main

Range Of Product	EasyPact
Product Or Component Type	Circuit breaker
Device Short Name	Easypact EZC630N
Circuit Breaker Name	Easypact EZC630N
Device Application	Distribution
Poles Description	4P
Protected Poles Description	3t
Network Type	DC 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	250 V DC conforming to IEC 60947-2 440 V AC 50/60 Hz conforming to IEC 60947-2
Breaking Capacity Code	N
Breaking Capacity	36 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 40 kA Icu at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] Rated Service Breaking Capacity	18 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 36 kA at 380 V AC 50/60 Hz conforming to IEC 60947-2 36 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	Overload protection Short-circuit protection
Pollution Degree	3 conforming to IEC 60947

Complementary

Control Type	Toggle

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

Mounting Mode	Fixed
Mounting Support	Backplate
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	5000 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	185 mm
Depth	140 mm
Net Weight	6.4 kg
Quantity Per Set	1 piece
Colour	Black

Environment

Standards	GB/T 14048.2 EN/IEC 60947-2 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	15.0 cm
Package 1 Width	20.3 cm
Package 1 Length	28.7 cm
Package 1 Weight	7.0 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	3
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm

Package 2 Length	60.0 cm
Package 2 Weight	21.766 kg
Unit Type Of Package 3	PAL
Number Of Units In Package 3	36
Package 3 Height	80.0 cm
Package 3 Width	120.0 cm
Package 3 Length	36.0 cm
Package 3 Weight	278.0 kg

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency



RoHS/REACh

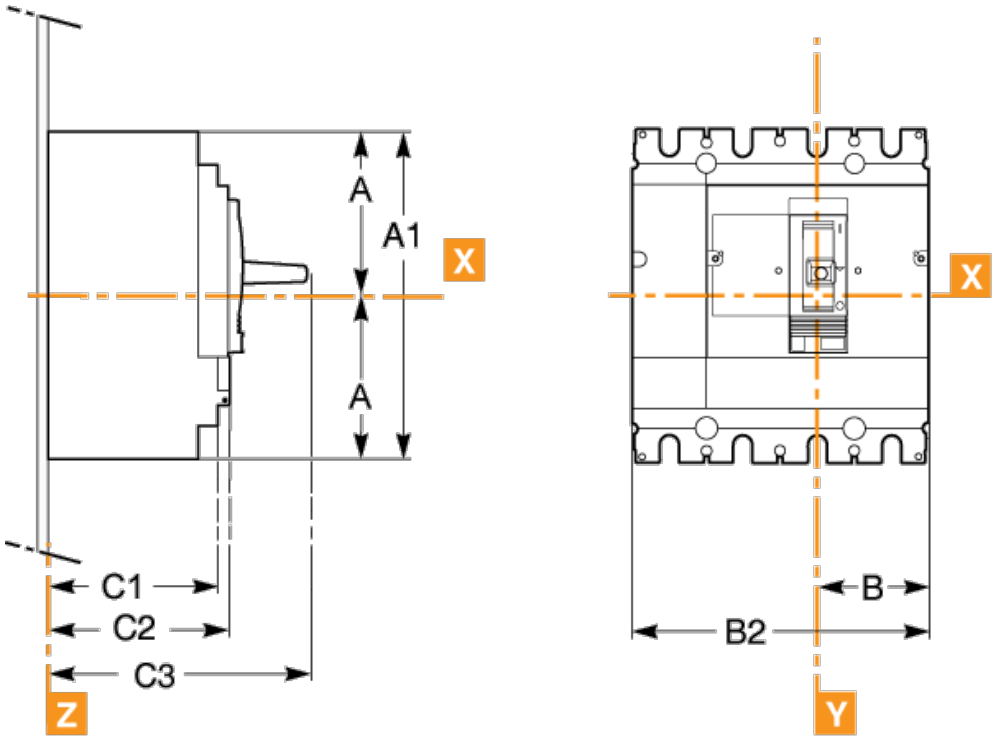
Well-being performance

Reach Free Of Svhc	
Rohs Exemption Information	Yes
Pvc Free	

Certifications & Standards

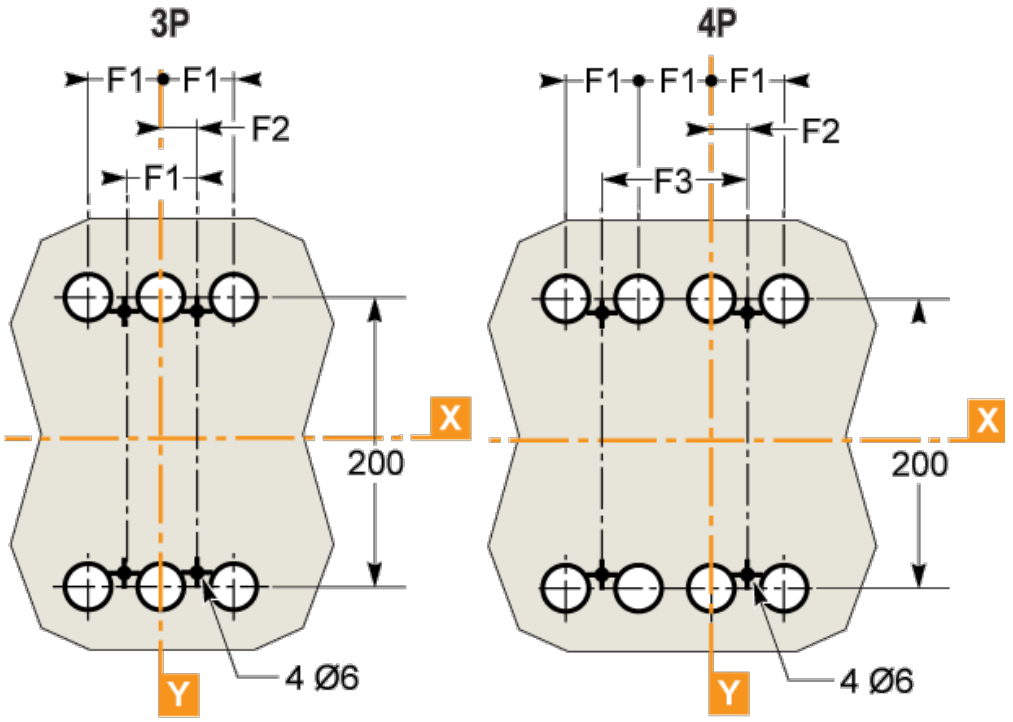
Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

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
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Performance Curves

