

# Product datasheet

Specifications



## circuit breaker EasyPact Ezc630H - TMD - 500 A - 4 poles 3d

Ezc630H4500N

### 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	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	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	500 A at 50 °C
Protection Type	Short-circuit protection Overload protection
Pollution Degree	3 conforming to IEC 60947

### Complementary

Control Type	Toggle
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<b>Mounting Mode</b>	Fixed
<b>Mounting Support</b>	Backplate
<b>Upside Connection</b>	Front
<b>Downside Connection</b>	Front
<b>Mechanical Durability</b>	10000 cycles
<b>Electrical Durability</b>	Category A: 1000 cycles 415 V AC 50/60 Hz conforming to IEC 60947-2
<b>Connection Pitch</b>	44 mm
<b>Local Signalling</b>	Positive contact indication
<b>Contact Position Indicator</b>	Yes
<b>Magnetic Tripping Current</b>	5000 A
<b>Neutral Protection Setting</b>	Without protection
<b>Long Time Pick-Up Adjustment Type Ir</b>	Fixed
<b>Long Time Delay Adjustment Type</b>	Fixed
<b>Earth-Leakage Protection</b>	Without
<b>Height</b>	255 mm
<b>Width</b>	185 mm
<b>Depth</b>	140 mm
<b>Net Weight</b>	4.8 kg
<b>Quantity Per Set</b>	1 piece
<b>Colour</b>	Black

## Environment

<b>Standards</b>	JIS C8201-2-2 GB/T 14048.2 EN/IEC 60947-1 EN/IEC 60947-2
<b>IP Degree Of Protection</b>	IP20 conforming to IEC 60529
<b>IK Degree Of Protection</b>	IK07 conforming to EN 50102
<b>Ambient Air Temperature For Operation</b>	-25...70 °C
<b>Ambient Air Temperature For Storage</b>	-35...85 °C

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	15.5 cm
<b>Package 1 Width</b>	20.0 cm
<b>Package 1 Length</b>	30.0 cm
<b>Package 1 Weight</b>	8.0 kg
<b>Unit Type Of Package 2</b>	S04
<b>Number Of Units In Package 2</b>	3
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 Width</b>	40.0 cm

<b>Package 2 Length</b>	60.0 cm
<b>Package 2 Weight</b>	24.6 kg
<b>Unit Type Of Package 3</b>	PAL
<b>Number Of Units In Package 3</b>	36
<b>Package 3 Height</b>	80.0 cm
<b>Package 3 Width</b>	120.0 cm
<b>Package 3 Length</b>	36.0 cm
<b>Package 3 Weight</b>	278.0 kg

## Sustainability

**Green Premium™ 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<sub>2</sub> 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](#)

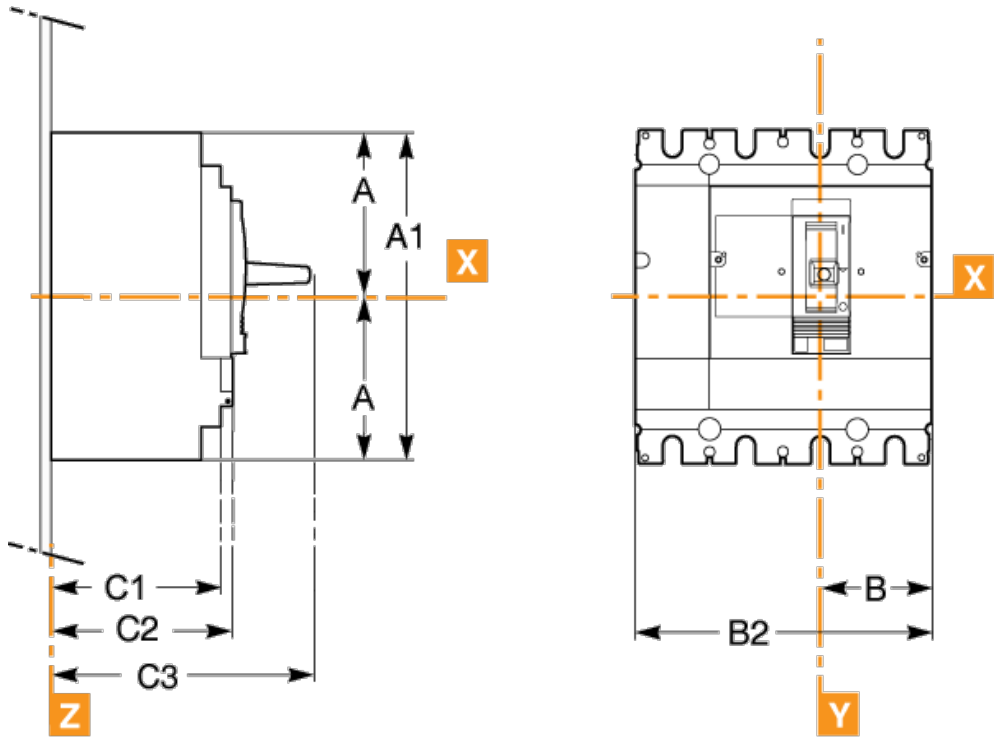
Weee

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile

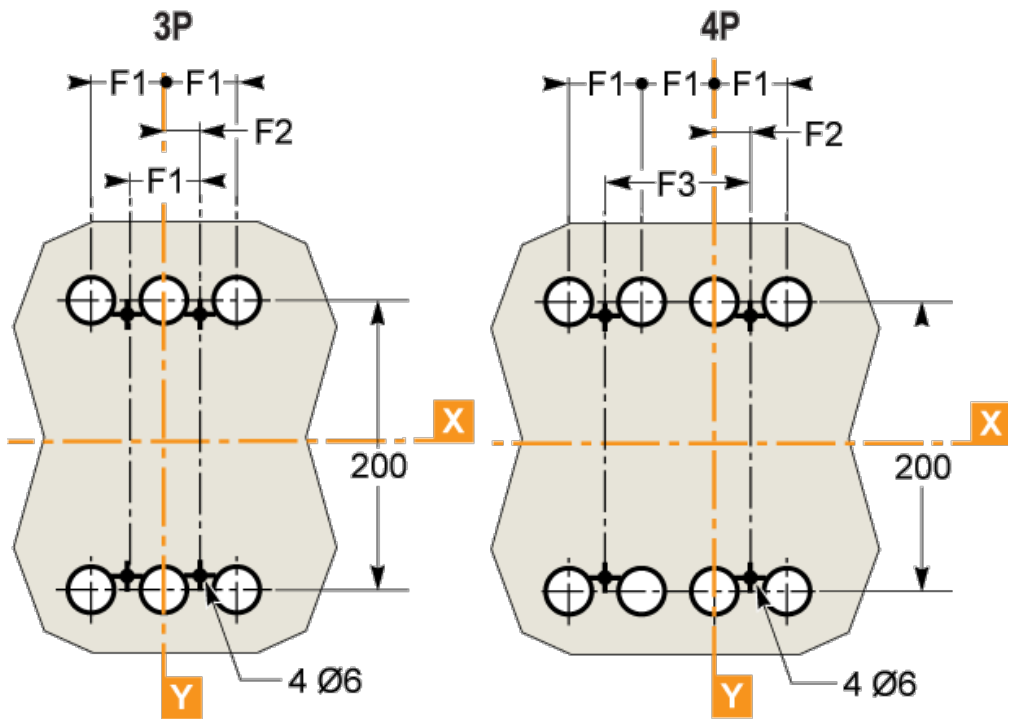
[End of Life Information](#)

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
127.5	255	70	140	185	45	22.5	90

Performance Curves

