

# Circuit breaker, EasyPact EZC630H, 70kA at 415VAC, 630A, TMD trip unit, 3P 3d

EZC630H3630N

## Main

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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	н	
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	630 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	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	185 mm	
Depth	140 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
Product certifications	IEC
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-3585 °C

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	25.5 cm
Package 1 Width	14 cm
Package 1 Length	11 cm
Package 1 Weight	6.5 kg



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)	2773
Environmental Disclosure	Product Environmental Profile

## **Use Better**

<b>⊗</b> Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration

## **Use Again**

○ Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No