

# EZC630N4500N

circuit breaker Easypact EZC630N - TMD - 500 A - 4 poles 3d



## 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	AC DC
Network frequency	50/60 Hz
[In] rated current	630 A ( 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	Icu 36 kA at 380 V AC 50/60 Hz conforming to IEC 60947-2 Icu 36 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu 36 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu 40 kA at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 Icu 36 kA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	Ics 18 kA 440 V AC 50/60 Hz conforming to IEC 60947-2 Ics 40 kA 220/230 V AC 50/60 Hz conforming to IEC 60947-2 Ics 36 kA 380 V AC 50/60 Hz conforming to IEC 60947-2 Ics 36 kA 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 ( 50 °C )
Protection type	Overload protection Short-circuit 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

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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
Product weight	6.4 kg
Quantity per set	1 piece
Colour	Black

## Environment

standards	EN/IEC 60947-1 EN/IEC 60947-2 JIS C8201-2-2 GB/T 14048.2
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

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1316 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations