

# EZC100H4025

circuit breaker, EasyPact EZC100H, TMD, 25A,  
4 poles 3d

## Main

Range of product	EasyPact
Product or component type	Circuit breaker
Device short name	Easypact EZC100H
Circuit breaker name	Easypact EZC100H
Device application	Distribution
Poles description	4P
Protected poles description	3t
Network type	DC AC
Network frequency	50/60 Hz
[In] rated current	25 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	550 V AC 50/60 Hz conforming to IEC 60947-2 250 V DC conforming to IEC 60947-2
Breaking capacity code	H
Breaking capacity	10 KA Icu at 125 V DC conforming to IEC 60947-2 10 KA Icu at 250 V DC conforming to IEC 60947-2 10 KA Icu at 550 V AC 50/60 Hz conforming to IEC 60947-2 100 KA Icu at 110...130 V AC 50/60 Hz conforming to IEC 60947-2 20 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 50 KA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 380...400 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	5 KA at 125 V DC conforming to IEC 60947-2 5 KA at 250 V DC conforming to IEC 60947-2 5 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 2.5 KA at 550 V AC 50/60 Hz conforming to IEC 60947-2 15 KA at 380...400 V AC 50/60 Hz conforming to IEC 60947-2 25 KA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 50 KA at 110...130 V AC 50/60 Hz conforming to IEC 60947-2 7.5 KA at 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	25 A at 50 °C
Protection type	Short-circuit protection Overload protection
Pollution degree	3 conforming to IEC 60947

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## Complementary

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Mechanical durability	13000 cycles
Electrical durability	Category A: 4000 cycles 415 V AC 50/60 Hz conforming to IEC 60947-2
Connection pitch	25 mm
Local signalling	Positive contact indication
Neutral protection setting	Without protection
Earth-leakage protection	Without
Height	130 mm
Width	100 mm
Depth	60 mm




## Environment

Standards	JIS C8201-2-2 EN/IEC 60947-1 EN/IEC 60947-2 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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9 cm
Package 1 Width	11 cm
Package 1 Length	14 cm
Package 1 Weight	1.071 kg
Unit Type of Package 2	S02
Number of Units in Package 2	9
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	10.094 kg
Unit Type of Package 3	S03
Number of Units in Package 3	18
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	19.765 kg

## Offer Sustainability

Packaging without single use plastic	No
Packaging made with recycled cardboard	No
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>

China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Take-back	No
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	161

### Contractual warranty

Warranty	18 months
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