

# EZCV250H4080

circuit breaker, EasyPact EZCV250H, TMD,  
80A, 4 poles 3d

## Main

Range of product	EasyPact
Product or component type	Circuit breaker
Device short name	Easypact EZCV250H
Circuit breaker name	Easypact EZCV250H
Device application	Distribution
Poles description	4P
Protected poles description	3t
Network type	AC
Network frequency	50/60 Hz
[In] rated current	80 A at 40 °C
[Ui] rated insulation voltage	440 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	H
Breaking capacity	100 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	12.5 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 18 kA at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 220...240 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	80 A at 40 °C
Protection type	Earth-leakage protection 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
Electrical durability	Category A: 5000 cycles 415 V AC 50/60 Hz conforming to IEC 60947-2
Connection pitch	35 mm
Local signalling	Positive contact indication
Neutral protection setting	Without protection

Earth-leakage protection	With
Height	165 mm
Width	140 mm
Depth	68 mm






## Environment

Standards	EN/IEC 60947-2 GB/T 14048.2 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	11.2 cm
Package 1 Width	11.3 cm
Package 1 Length	18.0 cm
Package 1 Weight	2.52 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	15.607 kg
Unit Type of Package 3	PAL
Number of Units in Package 3	96
Package 3 Height	72.0 cm
Package 3 Width	125.0 cm
Package 3 Length	96.0 cm
Package 3 Weight	241.92 kg

## Offer Sustainability

Packaging without single use plastic	Yes
Packaging made with recycled cardboard	Yes
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
Sustainable packaging	Yes
RoHS exemption information	 <a href="#">Yes</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations  <a href="#">Circularity Profile</a>
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)	564

## Contractual warranty

Warranty	18 months
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