

Product datasheet

Specifications



circuit breaker Easypact EZCV250H - TMD - 175 A - 4 poles 3d

EZCV250H4175

⚠ Discontinued on: 23 Mar 2021

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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	175 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	175 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

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Mechanical durability	10000 cycles
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	GB/T 14048.2 JIS C8201-2-2 EN/IEC 60947-1 EN/IEC 60947-2
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



Environmental Data

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 >](#)

Use Better

Materials and Substances	
EU RoHS Directive	Compliant

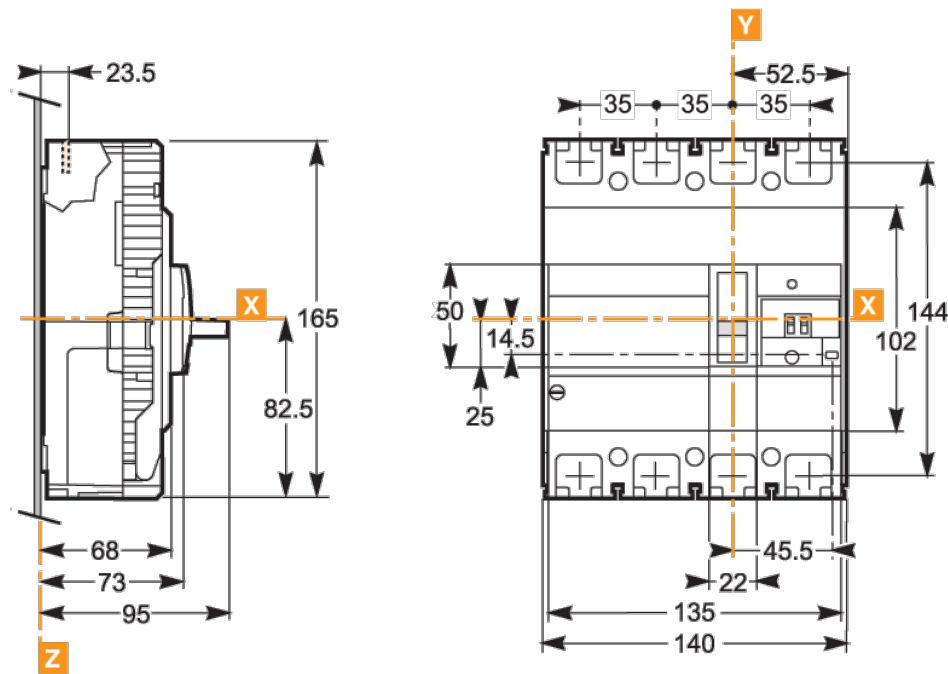
Use Longer

Lifetime extension	
Repair	No

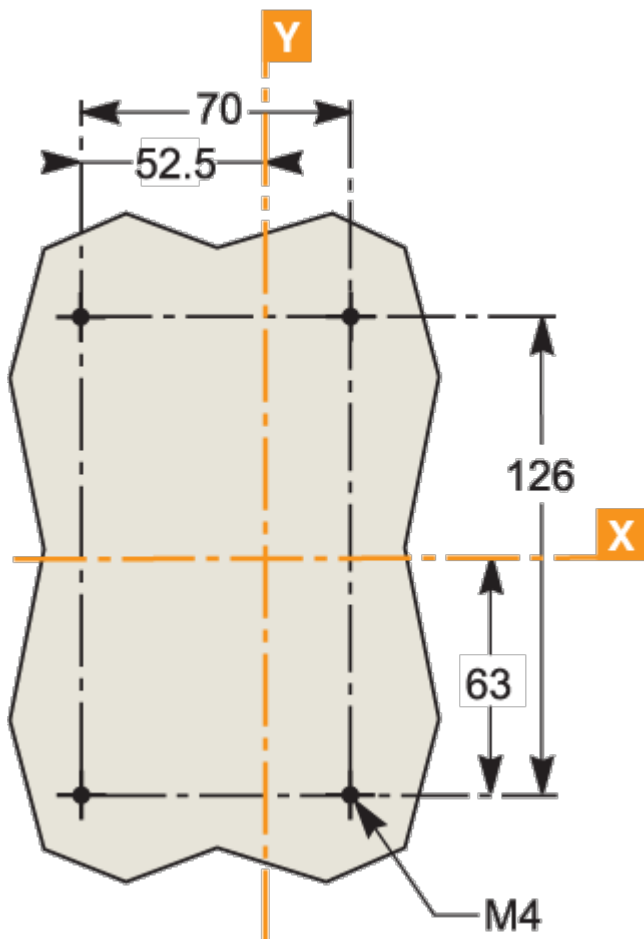
Use Again

Repack and remanufacture	
End of life manual availability	End of Life Information
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings



Assembly



Performance Curves

