Product data sheet

Specifications

circuit breaker Easypact EZCV250N - TMD - 160 A - 4 poles 4d

EZCV250N4160

Main

Range Of Product	EasyPact
Product Or Component Type	Circuit breaker
Device Short Name	Easypact EZCV250N
Circuit Breaker Name	Easypact EZCV250N
Device Application	Distribution
Poles Description	4P
Protected Poles Description	4t
Network Type	AC
Network Frequency	50/60 Hz
[In] Rated Current	160 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	N
Breaking Capacity	20 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 85 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] Rated Service Breaking Capacity	10 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 42.5 kA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 12.5 kA at 380...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	160 A at 40 °C
Protection Type	Overload protection Short-circuit protection Earth-leakage protection
Pollution Degree	3 conforming to IEC 60947

Complementary

Control Type	Toggle
Mounting Mode	Fixed
Mounting Support	Backplate

List Price displayed is VAT EXCLUSIVE.

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

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	JIS C8201-2-2 GB/T 14048.2 EN/IEC 60947-2 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	12.0 cm
Package 1 Width	14.5 cm
Package 1 Length	18.5 cm
Package 1 Weight	2.5 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	15.487 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

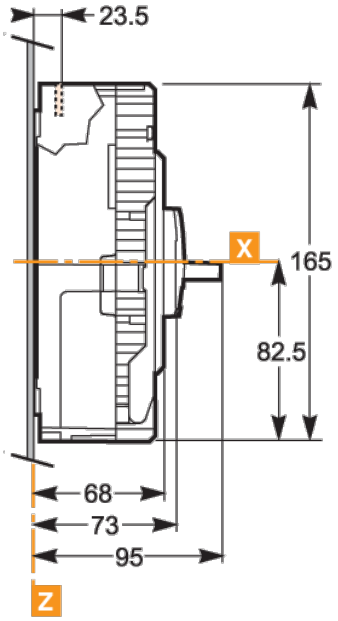
Well-being performance

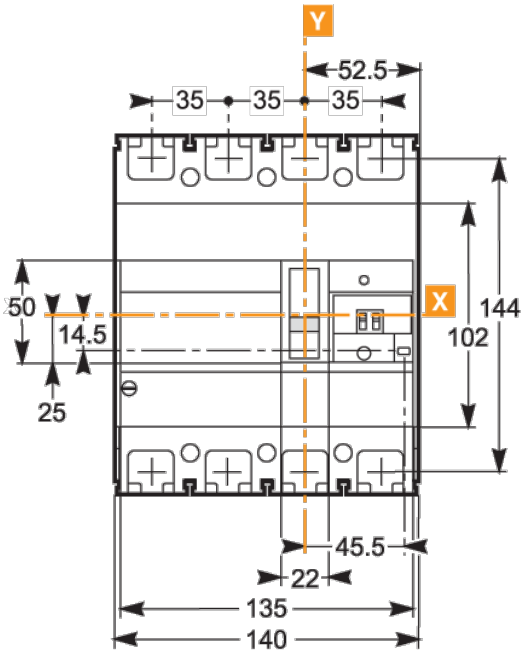
- Reach Free Of Svhc
- Mercury Free
- Rohs Exemption Information — Yes

Certifications & Standards

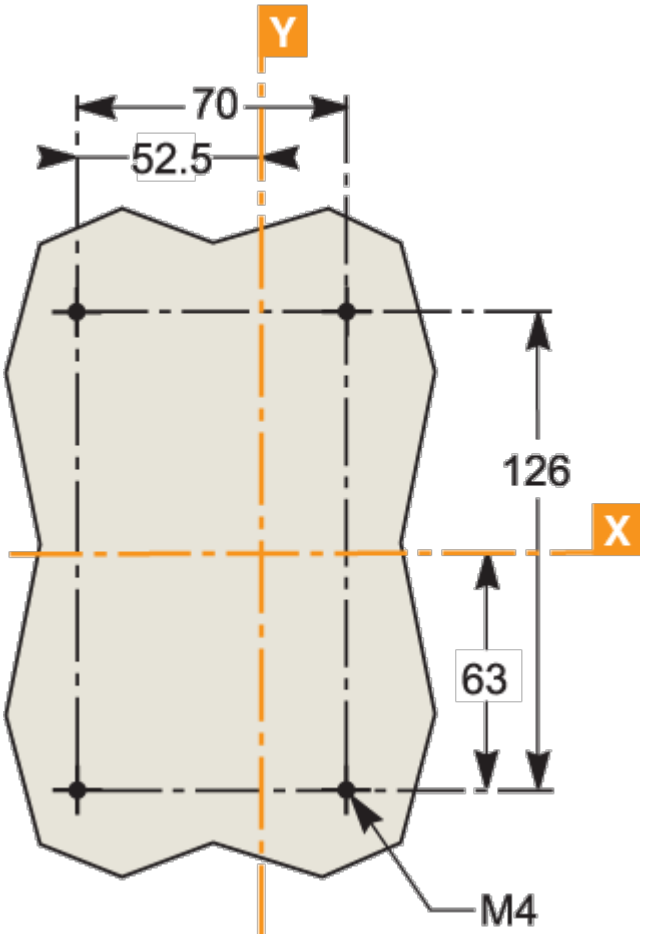
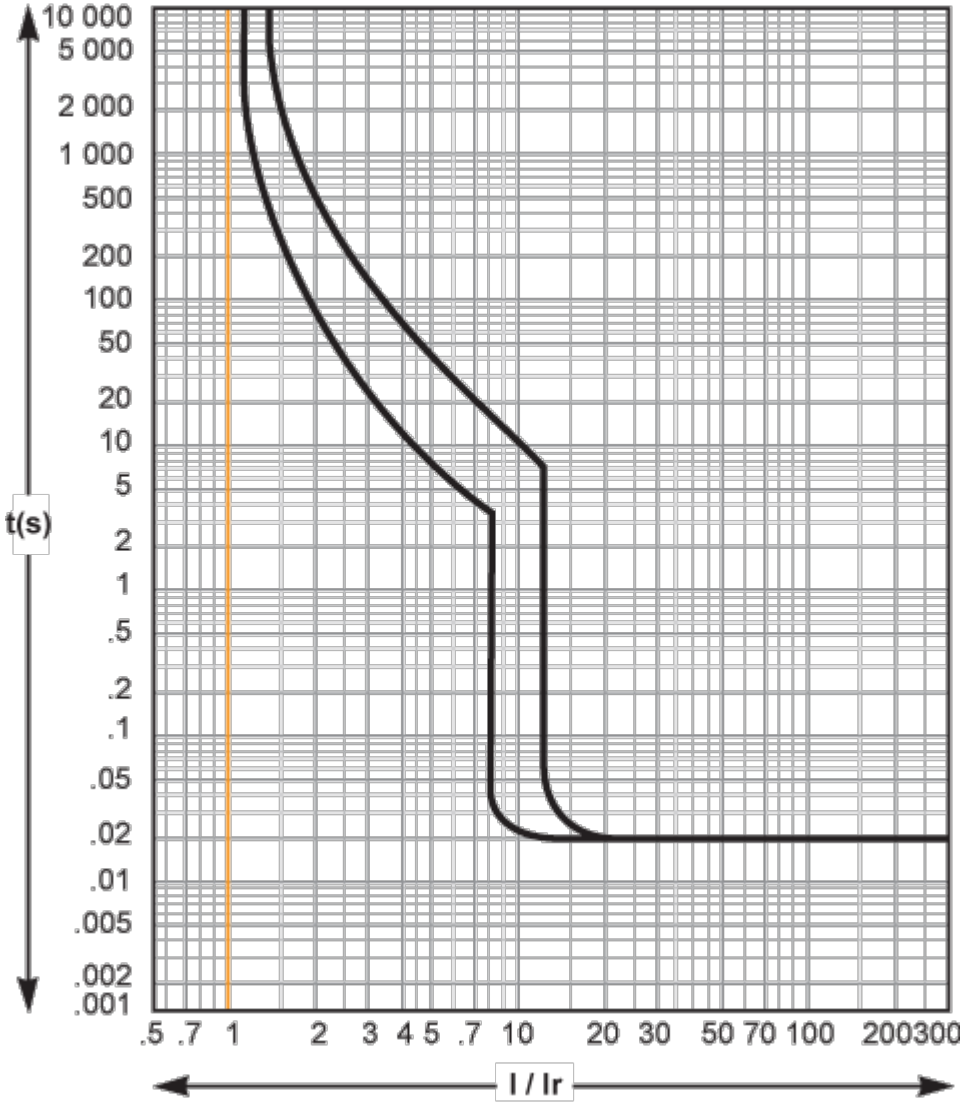
Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations Circularity Profile

Dimensions Drawings





Assembly



Performance Curves