Specifications



# circuit breaker Easypact EZC250H - TMD - 160 A - 3 poles 3d

EZC250H3160

# Main

IVIAIII		
Range of product	EasyPact	
Product or component type	Circuit breaker	
Device short name	Easypact EZC250H	
Circuit breaker name	Easypact EZC250H	
Device application	Distribution	
Poles description	3P	
Protected poles description	3t	
Network type	AC	
	DC	
Network frequency	50/60 Hz	
[In] rated current	160 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	Н	
Breaking capacity	10 kA Icu at 550 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 30 kA Icu at 125 V DC 1P conforming to IEC 60947-2 30 kA Icu at 250 V DC 2P conforming to IEC 60947-2 36 kA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 400415 V AC 50/60 Hz conforming to IEC 60947-2 85 kA Icu at 110130 V AC 50/60 Hz conforming to IEC 60947-2 85 kA Icu at 220240 V AC 50/60 Hz conforming to IEC 60947-2	
[Ics] rated service breaking capacity	5 kA at 550 V AC 50/60 Hz conforming to IEC 60947-2 15 kA at 125 V DC conforming to IEC 60947-2 15 kA at 250 V DC conforming to IEC 60947-2 18 kA at 380 V AC 50/60 Hz conforming to IEC 60947-2 18 kA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 12.5 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 42.5 kA at 110/130 V AC 50/60 Hz conforming to IEC 60947-2 42.5 kA at 220/230/240 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	160 A at 50 °C	
Protection type	Short-circuit protection Overload protection	

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

# Complementary

control type	Toggle
Mounting mode	Fixed
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	Without
Height	165 mm
Width	105 mm
Depth	60 mm

# Environment

Standards	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 IEC 62262	
Ambient air temperature for operation	-2570 °C	
Ambient air temperature for storage	-3585 °C	

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.000 cm
Package 1 Width	12.000 cm
Package 1 Length	18.000 cm
Package 1 Weight	1.491 kg
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	12.348 kg
Unit Type of Package 3	P12
Number of Units in Package 3	64
Package 3 Height	45.000 cm

Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	110.784 kg

# **Contractual warranty**

Warranty

18 months

# Lenvironmental 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  $\geq$ 

${\mathcal Q}$ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	416
Environmental Disclosure	Product Environmental Profile

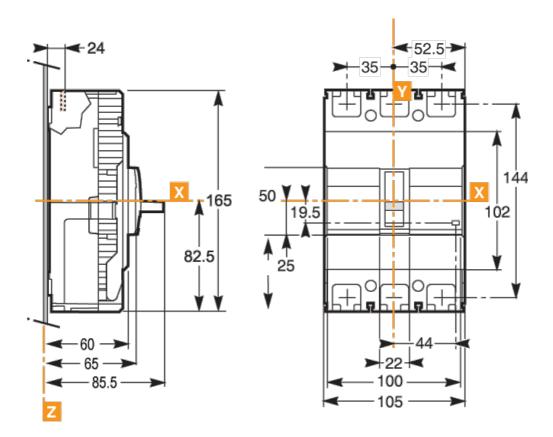
#### **Use Better**

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACh Regulation	REACh Declaration

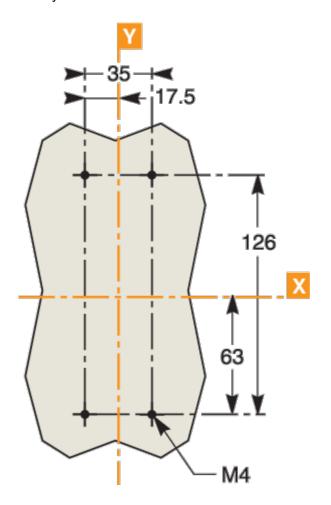
#### Use Again

€ Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

**Dimensions Drawings** 

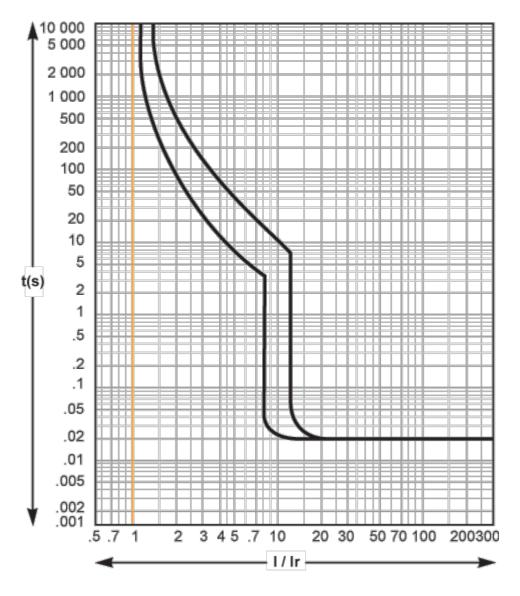


Assembly



6

Performance Curves



# Offer Marketing Illustration

### **Product benefits / Features**



## Offer Marketing Illustration

## **Product benefits / Features**



## Offer Marketing Illustration

## Product benefits / Features



# **Technical Illustration**

## Assembly's dimensions

