Product data sheet
Characteristics

EZC250H3160
circuit breaker Easypact EZC250H - TMD - 160 A - 3 poles 3d

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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.
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Main

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	H
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 400...415 V AC 50/60 Hz conforming to IEC 60947-2 85 KA Icu at 110...130 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
[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
Pollution degree	3 conforming to IEC 60664-1 3 conforming to IEC 947-1

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	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	-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 cm
Package 1 Width	11.6 cm
Package 1 Length	18 cm
Package 1 Weight	1.49 kg
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	12.3 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant with Exemptions
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
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

Contractual warranty

Warranty	18 months