Product data sheet
Characteristics

EZC100H3080
circuit breaker EasyPact EZC100H - TMD - 80 A - 3 poles 3d

Main

Range of product	EasyPact
Product or component type	Circuit breaker
Device short name	Easypact EZC100H
Circuit breaker name	Easypact EZC100H
Device application	Distribution
Poles description	3P
Protected poles description	3t
Network type	DC AC
Network frequency	50/60 Hz
[In] rated current	80 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 125 V DC 1P conforming to IEC 60947-2 10 KA Icu at 250 V DC 2P conforming to IEC 60947-2 10 KA Icu at 550 V AC 50/60 Hz conforming to IEC 60947-2 100 KA Icu at 110...130 V AC 50/60 Hz conforming to IEC 60947-2 100 KA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 20 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 400...415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	15 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 5 KA at 125 V DC conforming to IEC 60947-2 5 KA at 250 V DC conforming to IEC 60947-2 50 KA at 110/130 V AC 50/60 Hz conforming to IEC 60947-2 50 KA at 220/230/240 V AC 50/60 Hz conforming to IEC 60947-2 5 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 2.5 KA at 550 V AC 50/60 Hz conforming to IEC 60947-2 7.5 KA at 400/415 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	80 A at 50 °C
Protection type	Overload protection Short-circuit protection
Pollution degree	3 conforming to IEC 60664-1 3 conforming to IEC 947-1

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Complementary

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Mechanical durability	8500 Cycles
Electrical durability	Category A: 1500 cycles 415 V AC 50/60 Hz conforming to IEC 60947-2
Connection pitch	25 Mm
Local signalling	Positive contact indication
Neutral protection setting	Without protection
Earth-leakage protection	Without
Height	130 Mm
Width	75 Mm
Depth	60 Mm

Environment

Standards	GB/T 14048.2 JIS C8201-2-2 EN/IEC 60947-2 EN/IEC 60947-1
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK07 conforming to 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 Weight	820.0 G
Package 1 Height	9.5 Cm
Package 1 width	8.5 Cm
Package 1 Length	14 Cm
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Weight	10.295 Kg
Package 2 Height	15 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm
Unit Type of Package 3	PAL
Number of Units in Package 3	384
Package 3 Weight	323.328 Kg
Package 3 Height	80 Cm
Package 3 width	120 Cm
Package 3 Length	384 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes

China RoHS Regulation	China RoHS Declaration
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

Contractual warranty

Warranty	18 months

Product Life Status : Commercialised