Product data sheet
Characteristics

RUNTAL BRASIL (11) 2626-4645

EZC250N3125

circuit breaker Easypact EZC250N - TMD - 125 A - 3 poles 3d

Main

Range of product	EasyPact
Product or component type	Circuit breaker
Device short name	Easypact EZC250N
Circuit breaker name	Easypact EZC250N
Device application	Distribution
Poles description	3P
Protected poles description	3t
Network type	AC DC
Network frequency	50/60 Hz
[In] rated current	250 A (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	250 V DC conforming to IEC 60947-2 550 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 50 kA Icu at 110...130 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 20 kA Icu at 125 V DC 1P conforming to IEC 60947-2 20 kA Icu at 250 V DC 2P conforming to IEC 60947-2 25 kA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 400...415 V AC 50/60 Hz conforming to IEC 60947-2 8 kA Icu at 550 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	Ics 10 kA 125 V DC conforming to IEC 60947-2 Ics 10 kA 250 V DC conforming to IEC 60947-2 Ics 10 kA 440 V AC 50/60 Hz conforming to IEC 60947-2 Ics 25 kA 110/130 V AC 50/60 Hz conforming to IEC 60947-2 Ics 25 kA 220/230/240 V AC 50/60 Hz conforming to IEC 60947-2 Ics 4 kA 550 V AC 50/60 Hz conforming to IEC 60947-2 Ics 12.5 kA 380 V AC 50/60 Hz conforming to IEC 60947-2 Ics 12.5 kA 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

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

Trip unit rating	125 A (50 °C)
Protection type	Overload protection Short-circuit 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

Contractual warranty

Warranty period	18 months

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