

# EZC250H2175

circuit breaker Easypact EZC250H - TMD - 175  
A - 2 poles 2d



## Main

Device short name	Easypact EZC250H
Circuit breaker application	Distribution
Poles description	2P
Protected poles description	2t
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
Circuit breaker rating code	H
Breaking capacity	Icu 36 kA at 400...415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 85 kA at 110...130 V AC 50/60 Hz conforming to IEC 60947-2 Icu 36 kA at 380 V AC 50/60 Hz conforming to IEC 60947-2 Icu 85 kA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu 10 kA at 550 V AC 50/60 Hz conforming to IEC 60947-2 Icu 30 kA at 125 V DC 1P conforming to IEC 60947-2 Icu 30 kA at 250 V DC 2P conforming to IEC 60947-2 85 kA at 240 V AC 50/60 Hz conforming to NEMA AB1
[Ics] rated service breaking capacity	Ics 5 kA 550 V AC 50/60 Hz conforming to IEC 60947-2 Ics 12.5 kA 440 V AC 50/60 Hz conforming to IEC 60947-2 Ics 15 kA 125 V DC conforming to IEC 60947-2 Ics 15 kA 250 V DC conforming to IEC 60947-2 Ics 18 kA 380 V AC 50/60 Hz conforming to IEC 60947-2 Ics 18 kA 400/415 V AC 50/60 Hz conforming to IEC 60947-2 Ics 42.5 kA 110/130 V AC 50/60 Hz conforming to IEC 60947-2 Ics 42.5 kA 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 technology	Thermal-magnetic
Trip unit rating	175 A ( 50 °C )
Protection type	Overload protection Short-circuit protection
Pollution degree	3 conforming to IEC 947-1 3 conforming to IEC 60664-1

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. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## 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	CSA 22-2 GB 14048.2 IEC 60947-2 JIS C8201-2-2 NEMA AB1 UL 508
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
RoHS EUR conformity date	0801
RoHS EUR status	Compliant