

EZC100H3080

circuit breaker Easypact EZC100H - TMD - 80
A - 3 poles 3d



Main

Device short name	Easypact EZC100H
Circuit breaker application	Distribution
Poles description	3P
Protected poles description	3t
Network type	AC DC
Network frequency	50/60 Hz
[In] rated current	100 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 30 kA at 400...415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 100 kA at 110...130 V AC 50/60 Hz conforming to IEC 60947-2 Icu 30 kA at 380 V AC 50/60 Hz conforming to IEC 60947-2 Icu 100 kA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 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 10 kA at 125 V DC 1P conforming to IEC 60947-2 Icu 10 kA at 250 V DC 2P conforming to IEC 60947-2 100 kA at 240 V AC 50/60 Hz conforming to NEMA AB1 18 kA at 277/480 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 5 kA 125 V DC conforming to IEC 60947-2 Ics 5 kA 250 V DC conforming to IEC 60947-2 Ics 10 kA 440 V AC 50/60 Hz conforming to IEC 60947-2 Ics 15 kA 380 V AC 50/60 Hz conforming to IEC 60947-2 Ics 15 kA 400/415 V AC 50/60 Hz conforming to IEC 60947-2 Ics 50 kA 110/130 V AC 50/60 Hz conforming to IEC 60947-2 Ics 50 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	80 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	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 14048.2 IEC 60947-2 JIS C8201-2-2 NEMA AB1
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	0734
RoHS EUR status	Compliant