



Main

Range of product	EasyPact
Product or component type	Circuit breaker
Device short name	Easypact EZC100B
Circuit breaker name	Easypact EZC100B
Device application	Distribution
Poles description	3P
Protected poles description	3t
Network type	AC DC
Network frequency	50/60 Hz
[In] rated current	100 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
Breaking capacity code	B
Breaking capacity	10 KA Icu at 110...130 V AC 50/60 Hz conforming to IEC 60947-2 10 KA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 5 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 2.5 KA Icu at 550 V AC 50/60 Hz conforming to IEC 60947-2 7.5 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 7.5 KA Icu at 400...415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	0.625 KA at 550 V AC 50/60 Hz conforming to IEC 60947-2 1.25 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 1.875 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 1.875 KA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 2.5 KA at 110/130 V AC 50/60 Hz conforming to IEC 60947-2 2.5 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	60 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 products of the Schneider Electric group. It 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	EN/IEC 60947-1 GB/T 14048.2 JIS C8201-2-2 EN/IEC 60947-2
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 Weight	720 G
Package 1 Height	9.5 Cm
Package 1 width	14 Cm
Package 1 Length	8.5 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	24
Package 2 Weight	18.453 Kg
Package 2 Height	30 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm
Unit Type of Package 3	P12
Number of Units in Package 3	192
Package 3 Weight	159.976 Kg
Package 3 Height	80 Cm
Package 3 width	80 Cm
Package 3 Length	120 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
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	