Product datasheet

Specification





circuit breaker Easypact EZC100F - TMD - 63 A - 3 poles 3d

EZC100F3063

Main

Mairi		
Range Of Product	EasyPact	
Product Or Component Type	Circuit breaker	
Device Short Name	Easypact EZC100F	
Circuit Breaker Name	Easypact EZC100F	
Device Application	Distribution	
Poles Description	3P	
Protected Poles Description	3t	
Network Type	DC AC	
Network Frequency	50/60 Hz	
[In] Rated Current	63 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	F	
Breaking Capacity	25 kA Icu at 220240 V AC 50/60 Hz conforming to IEC 60947-2 5 kA Icu at 125 V DC 1P conforming to IEC 60947-2 5 kA Icu at 250 V DC 2P conforming to IEC 60947-2 5 kA Icu at 550 V AC 50/60 Hz conforming to IEC 60947-2 7.5 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 10 kA Icu at 380415 V AC 50/60 Hz conforming to IEC 60947-2	
[Ics] Rated Service Breaking Capacity	2.5 kA at 125 V DC conforming to IEC 60947-2 2.5 kA at 250 V DC conforming to IEC 60947-2 2.5 kA at 550 V AC 50/60 Hz conforming to IEC 60947-2 3.75 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 5 kA at 380415 V AC 50/60 Hz conforming to IEC 60947-2 12.5 kA at 220240 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	63 A at 50 °C	
Protection Type	Short-circuit protection Overload protection	
Pollution Degree	3 conforming to IEC 60947	

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 60947-2 GB/T 14048.2 JIS C8201-2-2 EN/IEC 60947-1
Ip Degree Of Protection	IP20 conforming to IEC 60529
Ik Degree Of Protection	IK07 conforming to EN 50102
Ambient Air Temperature For Operation	-2570 °C
Ambient Air Temperature For Storage	-3585 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.0 cm
Package 1 Width	8.0 cm
Package 1 Length	14.0 cm
Package 1 Weight	820.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	12
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	9.812 kg

Contractual warranty

Warranty	18 months



Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

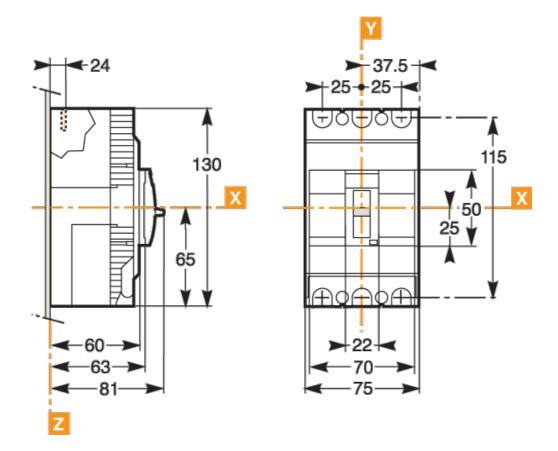
Well-being performance

⊘	Reach Free Of Svhc	
⊘	Toxic Heavy Metal Free	
⊘	Mercury Free	
⊘	Rohs Exemption Information	Yes

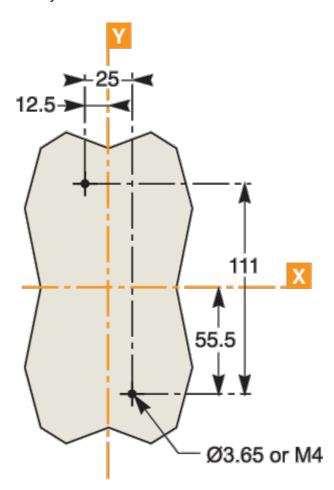
Certifications & Standards

Reach Regulation	REACh Declaration	
Eu Rohs Directive	Compliant EU RoHS Declaration	
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	
Circularity Profile	No need of specific recycling operations	

Dimensions Drawings



Assembly



Performance Curves

