

# circuit breaker, EasyPact EZC100N, TMD, 60A, 1 pole 1d

EZC100N1060

#### Main

Mairi	
Range Of Product	EasyPact
Product Or Component Type	Circuit breaker
Device Short Name	Easypact EZC100N
Circuit Breaker Name	Easypact EZC100N
Device Application	Distribution
Poles Description	1P
Protected Poles Description	1t
Network Type	AC DC
Network Frequency	50/60 Hz
[In] Rated Current	60 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	125 V DC conforming to IEC 60947-2 415 V AC 50/60 Hz conforming to IEC 60947-2
Breaking Capacity Code	N
Breaking Capacity	25 kA Icu at 110130 V AC 50/60 Hz conforming to IEC 60947-2 5 kA Icu at 125 V DC 1P conforming to IEC 60947-2 18 kA Icu at 220240 V AC 50/60 Hz conforming to IEC 60947-2 2.5 kA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 2.5 kA Icu at 400415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] Rated Service Breaking Capacity	12.5 kA at 110/130 V AC 50/60 Hz conforming to IEC 60947-2 2.5 kA at 125 V DC conforming to IEC 60947-2 9 kA at 220/230/240 V AC 50/60 Hz conforming to IEC 60947-2 1.25 kA at 380 V AC 50/60 Hz conforming to IEC 60947-2 1.25 kA at 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
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

## 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	25 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 -2570 °C	
Ambient Air Temperature For Operation		
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	3.1 cm
Package 1 Width	9.6 cm
Package 1 Length	14 cm
Package 1 Weight	340 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	32
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	11.335 kg
Unit Type Of Package 3	P12
Number Of Units In Package 3	1024
Package 3 Height	75 cm
Package 3 Width	80 cm

Package 3 Length	120 cm
Package 3 Weight	381 kg

# **Contractual warranty**

Warranty 18 months

### Sustainability

**Green Premium<sup>TM</sup> 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-CO<sub>2</sub> 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

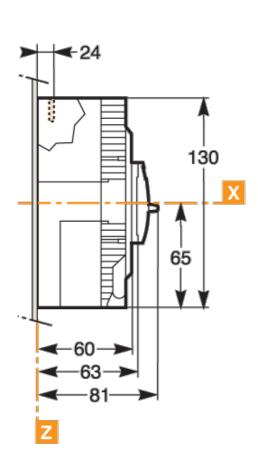
#### Well-being performance

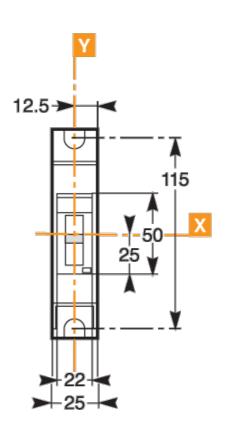
<b>⊘</b>	Reach Free Of Svhc	
<b>⊘</b>	Toxic Heavy Metal Free	
<b>⊘</b>	Mercury Free	
<b>⊘</b>	Rohs Exemption Information	Yes

#### **Certifications & Standards**

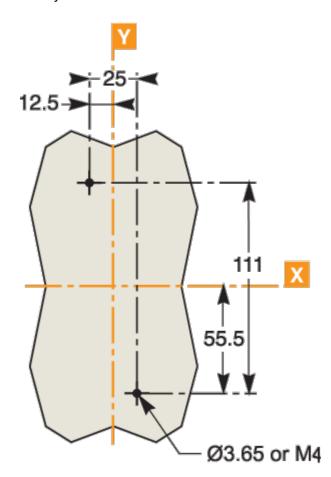
Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations

### **Dimensions Drawings**





### Assembly



#### Performance Curves

