Thông số kỹ thuật





circuit breaker, EasyPact EZC100F ,TMD, 100A ,3 poles 3d

EZC100F3100

Main

IVIAIII		
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	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 60947-2 250 V DC conforming to IEC 60947-2	
Breaking capacity code	F	
Breaking capacity	25 kA Icu at 110130 V AC 50/60 Hz conforming to IEC 60947-2 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 250 V AC 50/60 Hz conforming to IEC 60947-2 10 kA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 10 kA Icu at 400415 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	
[Ics] rated service breaking capacity	12.5 kA at 110/130 V AC 50/60 Hz conforming to IEC 60947-2 12.5 kA at 220/230/240 V AC 50/60 Hz conforming to IEC 60947-2 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 5 kA at 380 V AC 50/60 Hz conforming to IEC 60947-2 5 kA at 400/415 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	
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	100 A at 50 °C	
Protection type	Short-circuit protection Overload protection	

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Pollution degree	3 conforming to IEC 60664-1
	3 conforming to IEC 947-1

Complementary

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Control type	Toggle	
mounting mode	Fixed	
Mounting support	Backplate	
Upside connection	Front	
downside connection	Front	
Mechanical durability	13000 cycles	
Electrical durability	Category A: 4000 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 JIS C8201-2-2 GB/T 14048.2 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	-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	9.5 cm
Package 1 Width	8.5 cm
Package 1 Length	14 cm
Package 1 Weight	808 g
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	9.887 kg
Unit Type of Package 3	P12

Number of Units in Package 3	384
Package 3 Height	75 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	328 kg

Contractual warranty

Warranty 18 months



Nhãn **Green PremiumTM** là cam kết của Schneider Electric trong việc cung cấp sản phẩm với hiệu suất môi trường tốt nhất. Green Premium cam kết tuân thủ các quy định mới nhất, minh bạch về tác động môi trường, cũng như các sản phẩm tuần hoàn và CO₂ thấp.

Hướng dẫn đánh giá tính bền vững của sản phẩm là tài liệu kỹ thuật phổ thông giúp làm rõ các tiêu chuẩn nhãn sinh thái toàn cầu và cách diễn giải việc khai báo môi trường.

Tìm hiểu thêm về Green Premium >

Hướng dẫn đánh giá về sự bền vững của sản phẩm >





Minh bach RoHS/REACh

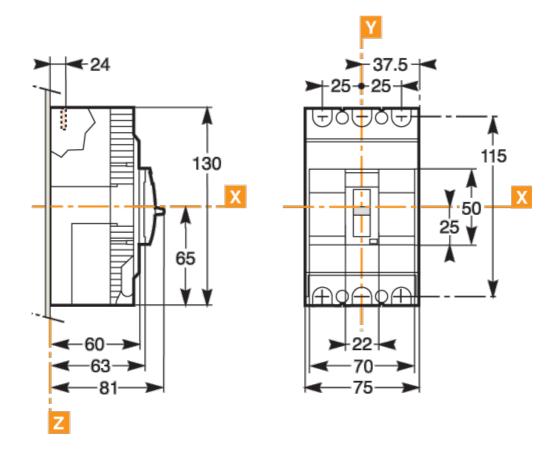
Hiệu suất sức khoẻ

✓ Reach Free Of Svhc
 ✓ Toxic Heavy Metal Free
 ✓ Mercury Free
 ✓ Rohs Exemption Information

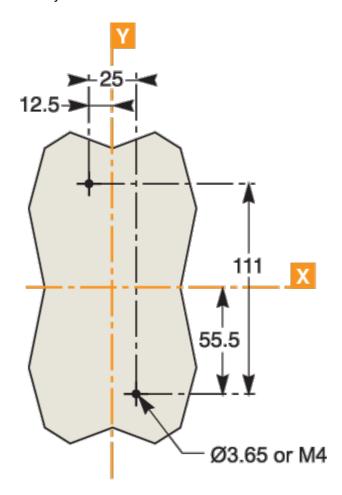
Chứng nhận & Tiêu chuẩn

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

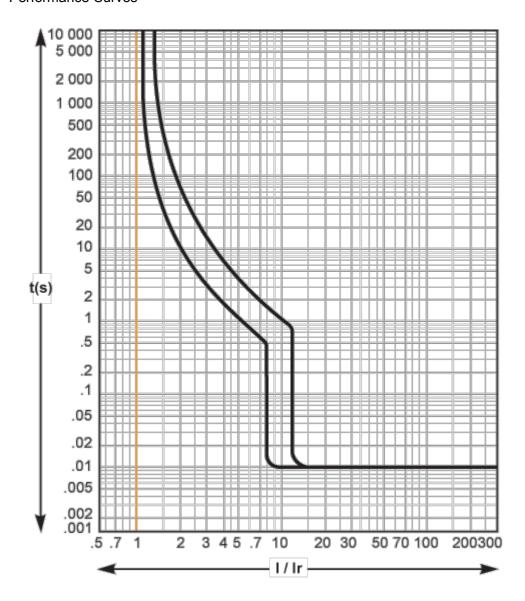
Dimensions Drawings



Assembly



Performance Curves



EZC100F3100

Offer Marketing Illustration

Product benefits / Features



EZC100F3100

Offer Marketing Illustration

Product benefits / Features



EZC100F3100

Offer Marketing Illustration

Product benefits / Features

