Product datasheet

Specifications





Manual transfer switch, TransferPacT FXM320, switch disconnector, 320A, 3P

31148

Main

Range Of Product	INS320630	
Range	TransferPacT ComPact	
Device Short Name	INS320	
Product Or Component Type	Manual transfer switch	
Device Application	Change source of supply	
Range Compatibility	ComPact ComPacT INS INS320 switch disconnector	
Poles Description	3P	
Network Type	AC DC	
Network Frequency	50/60 Hz	
Mounting Mode	Fixed	
Upside Connection	Front	
Downside Connection	Front	
Suitability For Isolation	Yes	
Contact Position Indicator	Yes	
[Icm] Rated Short-Circuit Making Capacity	330 kA with upstream protection circuit breaker 690 V AC at 50/60 Hz 50 kA switch-disconnector alone 690 V AC at 50/60 Hz	

Complementary

Transfer Switch Class	PC
Number Of Contact Position	3
Control Type	Direct front rotary handle
Operating Mode	Manual
Mounting Support	Plate Rail
Locking Options Description	Padlocking in OFF position
[le] Rated Operational Current	AC-22A: 320 A AC 50/60 Hz 220/240 V AC-22A: 320 A AC 50/60 Hz 380/415 V AC-22A: 320 A AC 50/60 Hz 440/480 V AC-22A: 320 A AC 50/60 Hz 500/525 V AC-22A: 320 A AC 50/60 Hz 660/690 V AC-23A: 320 A AC 50/60 Hz 220/240 V AC-23A: 320 A AC 50/60 Hz 280/415 V AC-23A: 320 A AC 50/60 Hz 440/480 V AC-23A: 320 A AC 50/60 Hz 500/525 V AC-23A: 320 A AC 50/60 Hz 500/525 V AC-23A: 320 A AC 50/60 Hz 660/690 V DC-22A: 320 A DC 125 V 2 poles in series DC-23A: 320 A DC 125 V 2 poles in series

[Ith] Conventional Free Air Thermal Current	320 A at 60 °C
Rated Duty	Uninterrupted
Intermittent Duty Class	Class 120 - 60 %
[Ui] Rated Insulation Voltage	750 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	8 kV
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz conforming to IEC 60947-3 125 V DC conforming to IEC 60947-3
Mechanical Interlocking	With mechanical interlocking
Mechanical Durability	10000 cycles
Electrical Durability	AC-22A: 1500 cycles 440 V AC 50/60 Hz AC-22A: 1500 cycles 500 V AC 50/60 Hz AC-22A: 1500 cycles 690 V AC 50/60 Hz AC-23A: 1500 cycles 440 V AC 50/60 Hz AC-23A: 1500 cycles 500 V AC 50/60 Hz AC-23A: 1500 cycles 690 V AC 50/60 Hz DC-23A: 1000 cycles 125 V DC 2 poles in series
Connection Pitch	45 mm
[Icw] Rated Short-Time Withstand Current	11.5 kA during 3 s conforming to IEC 60947-3 20 kA during 1 s conforming to IEC 60947-3 4 kA during 30 s conforming to IEC 60947-3 4.9 kA during 20 s conforming to IEC 60947-3
Height	205 mm
Width	395 mm
Depth	155 mm
Net Weight	13.5 kg

Environment

Standards	IEC 60947-3 IEC 60947-1
Product Certifications	СВ
Electrical Shock Protection Class	Class II
Ip Degree Of Protection	IP40 conforming to IEC 60947-3
Pollution Degree	3
Ambient Air Temperature For Operation	-2570 °C
Ambient Air Temperature For Storage	-5085 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	23.0 cm
Package 1 Width	23.0 cm
Package 1 Length	50.0 cm
Package 1 Weight	13.816 kg

Contractual warranty

Warranty

18 months

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Transparency RoHS/REACh

Well-being performance



Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
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	End of Life Information