Product datasheet

Specifications

switch-disconnector Masterpact NW16HF - 1600 A - 690 V - 3 poles - fixed

48048

Main

Range	MasterPacT
Product Name	MasterPact NW
Product Or Component Type	Switch disconnector
Device Short Name	MasterPact NW16
Switch-Disconnector Name	MasterPact NW16HF
Device Application	Protection
Poles Description	3P
Network Type	AC
Network Frequency	50/60 Hz
[Ie] Rated Operational Current	1600 A AC 50/60 Hz 690 V
[Ui] Rated Insulation Voltage	1000 V AC 50/60 Hz conforming to IEC 60947-3
[Uimp] Rated Impulse Withstand Voltage	12 kV conforming to IEC 60947-3
[Icm] Rated Short-Circuit Making Capacity	187 kA 220...690 V AC at 50/60 Hz
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz conforming to IEC 60947-3
Breaking Capacity Code	HF
Suitability For Isolation	Yes conforming to IEC 60947-3
Contact Position Indicator	Yes
Visible Break	No
Pollution Degree	4 conforming to IEC 60664-1

Complementary

Control Type	Push-button
Mounting Mode	Fixed
Operating Rate	10 cyc/h maximum
[Icw] Rated Short-Time Withstand Current	85 kA during 1 s conforming to IEC 60947-3 50 kA during 3 s conforming to IEC 60947-3
Mechanical Durability	12500 cycles without maintenance conforming to IEC 60947-3 25000 cycles with maintenance conforming to IEC 60947-3
Electrical Durability	AC-23A: 10000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-3 AC-23A: 10000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-3 AC-3: 6000 cycles 440/690 V AC 50/60 Hz without maintenance conforming to IEC 60947-3

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Disclaimer: This documentation 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

Connection Pitch	115 mm
Height	352 mm
Width	442 mm
Depth	297 mm
Net Weight	60 kg

Environment

Standards	IEC 60947-3
Product Certifications	ASTA ASEFA
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 Height	30.5 cm
Package 1 Width	29.5 cm
Package 1 Length	37.5 cm
Package 1 Weight	47.391 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 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

Mercury Free	
Rohs Exemption Information	Yes
Pvc Free	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
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