Product data sheet

Specifications

Switch disconnector, MasterPact MTZ2 12HA, 1250A, 145kA/ 690VAC 50/60Hz (Icm), 4P, drawout

LV848270

Main

Range	MasterPact
Product Or Component Type	Switch disconnector
Device Application	Distribution
Switch-Disconnector Name	MasterPact MTZ2 12 HA
Poles Description	4P
Network Type	AC
Network Frequency	50/60 Hz

Complementary

Control Type	Push-button
Mounting Mode	Drawout
Mounting Support	Chassis
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz EN/IEC 60947-3
[Ie] Rated Operational Current	1250 A AC 50/60 Hz 690 V
[Ui] Rated Insulation Voltage	1000 V AC 50/60 Hz EN/IEC 60947-3
[Uimp] Rated Impulse Withstand Voltage	12 kVEN/IEC 60947-3
[Icw] Rated Short-Time Withstand Current	36 kA 3 s EN/IEC 60947-3 66 kA 1 s EN/IEC 60947-3
[Icm] Rated Short-Circuit Making Capacity	145 kA peak 220...690 V AC 50/60 Hz
Utilisation Category	AC-23A AC-3
Breaking Capacity	66 kA Icu 220...690 V AC 50/60 Hz EN/IEC 60947-2
[Ics] Rated Service Breaking Capacity	66 kA 220...690 V AC 50/60 Hz EN/IEC 60947-2
Performance Level	HA
Suitability For Isolation	Yes EN/IEC 60947-3
Contact Position Indicator	Yes
Visible Break	No
Mechanical Durability	25000 cycles with periodic preventive maintenance EN/IEC 60947-3
Electrical Durability	AC-23A 10000 cycles 440 V AC 50/60 Hz EN/IEC 60947-3 AC-23A 10000 cycles 690 V AC 50/60 Hz EN/IEC 60947-3 AC-3 6000 cycles 440 V AC 50/60 Hz EN/IEC 60947-3 AC-3 6000 cycles 690 V AC 50/60 Hz EN/IEC 60947-3
Connection Pitch	4.53 in (115 mm)

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Height	17.28 in (439 mm)
Width	21.89 in (556 mm)
Depth	15.87 in (403 mm)

Environment

Net Weight	264.55 lb(US) (120 kg)
Standards	EN/IEC 60947-3
Product Certifications	IECEE CB Scheme
Ip Degree Of Protection	IP30
Pollution Degree	3 EN/IEC 60947-4-1
Ambient Air Temperature For Operation	-13…158 °F (-25…70 °C)
Ambient Air Temperature For Storage	-40…185 °F (-40…85 °C)

Ordering and shipping details

Gtin	3606480813511

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	12.01 in (30.5 cm)
Package 1 Width	11.61 in (29.5 cm)
Package 1 Length	19.49 in (49.5 cm)
Package 1 Weight	105.09 lb(US) (47.666 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
Circularity Profile	End of Life Information
California Proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov