Product data sheet
Characteristics

LV848284
Switch disconnector, MasterPact MTZ2 16HA, 1600A, 145kA/690VAC 50/60Hz (Icm), 4P, drawout

Main

Range	MasterPact
Product or component type	Switch disconnector
Device application	Distribution
Switch-disconnector name	MasterPact MTZ2 16 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 conforming to EN/IEC 60947-3
[Ie] rated operational current	1600 A AC 50/60 Hz 690 V
[Ui] rated insulation voltage	1000 V AC 50/60 Hz conforming to EN/IEC 60947-3
[Uimp] rated impulse withstand voltage	12 KV conforming to EN/IEC 60947-3
[Icw] rated short-time withstand current	36 KA during 3 s conforming to EN/IEC 60947-3 66 KA during 1 s conforming to EN/IEC 60947-3
[Icm] rated short-circuit making capacity	145 KA peak 220...690 V AC at 50/60 Hz
Utilisation category	AC-23A AC-3
Breaking capacity	66 KA Icu at 220...690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	66 KA at 220...690 V AC 50/60 Hz conforming to EN/IEC 60947-2
Breaking capacity code	HA
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Contact position indicator	Yes
Visible break	No
Mechanical durability	25000 Cycles with periodic preventive maintenance conforming- to EN/IEC 60947-3
Electrical durability	AC-23A: 10000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-3 AC-23A: 10000 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-3 AC-3: 6000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-3 AC-3: 6000 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-3
Connection pitch	115 Mm
Height	439 Mm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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Width	556 Mm
Depth	403 Mm

Environment

Net weight	120 Kg
Standards	EN/IEC 60947-3
Product certifications	IECEE CB Scheme
IP degree of protection	IP30
Pollution degree	3 conforming to EN/IEC 60947-4-1
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-40…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	49.5 Cm
Package 1 Weight	47.666 Kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
PVC free	Yes
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

Contractual warranty

Warranty	18 months

Product Life Status : Commercialised