Product data sheet
Characteristics

LV848068
Switch disconnector, MasterPact MTZ2 20HA, 2000A, 145kA/690VAC 50/60Hz (Icm), 4P, fixed



Main

Range	MasterPact
Product or component type	Switch disconnector
Device application	Distribution
Switch-disconnector name	MasterPact MTZ2 20 HA
Poles description	4P
Neutral position	Left
Network type	AC
Network frequency	50/60 Hz

Complementary

Control type	Push-button
Mounting mode	Fixed
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-3
[Ie] rated operational current	2000 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	20000 Cycles with periodic preventive maintenance conforming to EN/IEC 60947-3
Electrical durability	AC-23A: 8000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-3 AC-23A: 6000 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	352 Mm
Width	537 Mm
Depth	300 Mm

Environment

Net weight	65 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	29.5 Cm
Package 1 Width	30.5 Cm
Package 1 Length	49.5 Cm
Package 1 Weight	47.27 Kg

Offer Sustainability

Recyclability potential, in %	71
Total lifecycle Carbon footprint	1 899 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	377.2870243902439
Carbon footprint of the manufacturing phase [A1 to A3]	377 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	8.170068292682927
Carbon footprint of the distribution phase [A4]	8 kg CO2 eq.
Carbon footprint of the installation phase [A5]	9.47590243902439
Carbon footprint of the installation phase [A5]	9 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1380.473017886179
Carbon footprint of the use phase [B2, B3, B4, B6]	1 380 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	123.5449756097561
Carbon footprint of the end-of-life phase [C1 to C4]	124 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1899
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No, we have minimized the use of plastic in the packaging in compliance with regulations and cons
SCIP Number	F31d8a4d-e9cb-4afc-bf2c-5965742ce772
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
Halogen-free status	Product contains halogen above thresholds
PVC free	Yes
Silicone-free	No
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised