Product data sheet
Characteristics

GS2JU3N
Switch disconnector fuse, TeSys GS, 3P, 100A, fuse type UL, size J



Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2JU
Product or component type	Switch-disconnector-fuse
Device application	Protection
Poles description	3P
Protected poles description	3t
Contacts type and composition	3 NO
[Ith] conventional free air thermal current	100 A (at 40 °C)
[Ie] rated operational current	100 A
Fuse type	UL
Fuse size	J
Network type	AC DC
Network frequency	50/60 Hz

Complementary

Type of operating handle	External frontal
Mounting support	Plate
[Ui] rated insulation voltage	750 V
[Uimp] rated impulse withstand voltage	8 KV
Rated operational power in W	51 KW at 400 V 63 KW at 500 V 90 KW at 690 V
Short-circuit withstand	200 KA
Mechanical durability	10000 Cycles
Electrical durability	6000 Cycles
Connections - terminals	Lugs-ring terminals Power circuit: bars 34…42 mm²
Tightening torque	Power circuit: 4 N.m

Environment

Standards	CSA C22.2 No 4 UL98
IP degree of protection	IP20 conforming to IEC 60529 (with terminal cover)
Ambient air temperature for operation	-20…70 °C
Ambient air temperature for storage	-40…80 °C
Fire resistance	960 °C body

Height	186 Mm
Width	149.3 Mm
Depth	122.2 Mm
Net weight	2.761 Kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15.000 Cm
Package 1 Width	23.500 Cm
Package 1 Length	24.500 Cm
Package 1 Weight	2.306 Kg
Unit Type of Package 2	S04
Number of Units in Package 2	4
Package 2 Height	30.000 Cm
Package 2 Width	40.000 Cm
Package 2 Length	60.000 Cm
Package 2 Weight	9.752 Kg
Unit Type of Package 3	P06
Number of Units in Package 3	16
Package 3 Height	75.000 Cm
Package 3 Width	60.000 Cm
Package 3 Length	80.000 Cm
Package 3 Weight	49.816 Kg

Offer Sustainability

Total lifecycle Carbon footprint	317 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	9.802834008097166
Carbon footprint of the manufacturing phase [A1 to A3]	10 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	1.2043481781376517
Carbon footprint of the distribution phase [A4]	1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.06721943319838056
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	304.98787878787886
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	305 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.43972712550607285
Carbon footprint of the end-of-life phase [C1 to C4]	0.4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	317
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Styrene, which is known to the St
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