Product datasheet

Specifications

Switch disconnector fuse, TeSys GS, 3P, 30A, fuse type UL, fuse size J

GS1DU3

Main

Range	TeSys
Product Name	TeSys GS
Device Short Name	GS1D
Product Or Component Type	Switch-disconnector-fuse
Device Application	Protection
Design	Compact
Poles Description	3P
Protected Poles Description	3t
Contacts Type And Composition	3 NO
[Ith] Conventional Free Air Thermal Current	30 A (at 40 °C)
[Ie] Rated Operational Current	30 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 Rail
[Ui] Rated Insulation Voltage	690 V
[Uimp] Rated Impulse Withstand Voltage	8 kV
Rated Operational Power In W	15 kW at 400 V 18.5 kW at 500 V 25 kW at 690 V
Short-Circuit Withstand	5.5 kA
Mechanical Durability	10000 cycles
Electrical Durability	6000 cycles
Connections - Terminals	Power circuit: lugs-ring terminals2…6 mm²
Tightening Torque	Power circuit: 3 N.m

Environment

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

Standards	CSA C22.2 No 5 UL 489
Product Certifications	LOVAG LROS (Lloyds register of shipping) ASEFA
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 conforming to IEC 60695-2-1
Height	116 mm
Width	105 mm
Depth	99 mm
Net Weight	0.7 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	12.6 cm
Package 1 Width	13.6 cm
Package 1 Length	15.7 cm
Package 1 Weight	639.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	8
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	5.589 kg

Contractual warranty

Warranty	18 months

Sustainability

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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

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
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