Product data sheet

Specifications

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

GS1DDU3

Main

Range	TeSys
Product Name	TeSys GS
Device Short Name	GS1 DD
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	CC
Network Type	AC DC
Network Frequency	50/60 Hz

Complementary

Type Of Operating Handle	External frontal Direct frontal
Mounting Support	Rail Plate
[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

Standards	UL 489 CSA C22.2 No 5
Product Certifications	LROS (Lloyds register of shipping) LOVAG 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	97 mm
Depth	83.5 mm
Net Weight	0.6 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	12.400 cm
Package 1 Width	14.400 cm
Package 1 Length	18.000 cm
Package 1 Weight	550.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	8
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.875 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	64
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	54.204 kg

Contractual warranty

Warranty	18 months

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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
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
California Proposition 65	WARNING: This product can expose you to chemicals including: Styrene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov