



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 104 °F (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 25 kW at 690 V 18.5 kW at 500 V
Short-circuit withstand	5.5 kA
Mechanical durability	10000 cycles
Electrical durability	6000 cycles
Connections - terminals	Power circuit: lugs-ring terminals cable 2...6 mm ²
Tightening torque	Power circuit: 26.55 lbf.in (3 N.m)

Environment

standards	CSA C22.2 No 4 UL98
product certifications	ASEFA LOVAG LROS (Lloyds register of shipping)
IP degree of protection	IP20 with terminal cover conforming to IEC 60529
ambient air temperature for operation	-4...158 °F (-20...70 °C)
ambient air temperature for storage	-40...176 °F (-40...80 °C)
fire resistance	1760 °F (960 °C) body conforming to IEC 60695-2-1
height	4.57 in (116 mm)
width	4.13 in (105 mm)
depth	3.9 in (99 mm)
product weight	1.54 lb(US) (0.7 kg)

Contractual warranty

Warranty period	18 months
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