



ⓘ Discontinued

GS1KD4 has not been replaced. Please contact your customer care center for more information.

Main

Range	TeSys
Product name	TeSys GS
Device short name	GS1 K
Product or component type	Switch-disconnector-fuse
Device application	Protection
Poles description	4P
Protected poles description	4t
Contacts type and composition	4 NO
[I _{th}] conventional free air thermal current	125 A at 104 °F (40 °C)
[I _e] rated operational current	100 A at 440 V 2 poles in series per phase on DC-23A 100 A at 440 V 2 poles in series per phase on DC-23B 100 A at 690 V with terminal cover on AC-23A 100 A at 690 V with terminal cover on AC-23B 125 A at 400 V on AC-23A 125 A at 400 V on AC-23B 125 A at 500 V on AC-23A 125 A at 500 V on AC-23B
Fuse type	NFC
Fuse size	22 x 58 mm
Network type	DC AC
Network frequency	50/60 Hz

Complementary

Type of operating handle	Direct right side
Mounting support	Plate
[U _i] rated insulation voltage	750 V AC 50/60 Hz
[U _{imp}] rated impulse withstand voltage	8 kV
Rated operational power in W	90 kW at 690 V 63 kW at 400 V 90 kW at 500 V
Making capacity	1250 A at 400 V on AC-23B
[I _{cm}] rated short-circuit making capacity	100 kA at 400 V with protection by gG fuses

Breaking capacity	1000 A at 400 V on AC-23B
Short-circuit withstand	20 kA
Mechanical durability	10000 cycles
Electrical durability	1000 cycles on AC-23A 1000 cycles on AC-23B
Connections - terminals	Power circuit: bars Power circuit: lugs-ring terminals cable 0.05...0.15 in ² (35...95 mm ²) - cable stiffness: flexible
Tightening torque	Power circuit: 106.19 lbf.in (12 N.m) - on bars Power circuit: 106.19 lbf.in (12 N.m) - on lugs-ring terminals

Environment

Standards	IEC 60947-3
Product certifications	CE
Protective treatment	TH
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 1562 °F (850 °C) fuse cover conforming to IEC 60695-2-1
Height	6.38 in (162 mm)
Width	7.32 in (186 mm)
Depth	4.57 in (116 mm)
Product weight	4.41 lb(US) (2 kg)

Ordering and shipping details

Category	18402 - WORLD SERVICE PARTS(CONTROL ACCESS)
Discount Schedule	CP10
Nbr. of units in pkg.	1
Package weight(Lbs)	4.6500000000000004
Returnability	N

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0701 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer.
----- Substance 2	Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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