

Product data sheet

Specifications



switch-disconnector fuse body GS1 4 poles - BS - 160 A

GS1LBR4

! Discontinued

Main

Range Of Product	TeSys GS
Device Short Name	GS1L
Fuse Type	BS
Fuse Size	A4 B1 B2
Product Or Component Type	Fuse switch disconnector body
Poles Description	4P
Network Type	DC AC
[Ith] Conventional Free Air Thermal Current	160 A (at 104 °F (40 °C))

Complementary

Network Frequency	50/60 Hz
Mounting Support	Plate Rail
[Ui] Rated Insulation Voltage	750 V
[Uimp] Rated Impulse Withstand Voltage	8 kV
Short-Circuit Withstand	80 kA
[Ie] Rated Operational Current	125 A 440 V 2 poles in series per phase DC-23A 125 A 440 V 2 poles in series per phase DC-23B 160 A 400 V AC-23A 160 A 400 V AC-23B 160 A 500 V AC-23A 160 A 500 V AC-23B 125 A 690 V AC-23A 125 A 690 V AC-23B
Rated Operational Power In W	110 kW 500 V AC-23A) 110 kW 500 V AC-23B) 110 kW 690 V AC-23A) 110 kW 690 V AC-23B) 80 kW 400 V AC-23A) 80 kW 400 V AC-23B)
Making Capacity	1600 A 400 V AC-23B
[Icm] Rated Short-Circuit Making Capacity	160 kA rating of associated fuses 1.6 kA 400 V with protection by BS fuses
Breaking Capacity	1280 A 400 V AC-23B)
Mechanical Durability	10000 cycles

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Electrical Durability	1000 cycles AC-23A 1000 cycles AC-23B 200 cycles DC-23A 200 cycles DC-23B
Connections - Terminals	Power circuit bars Power circuit screw terminals 0.08...0.15 in² (50...95 mm²) flexible
Tightening Torque	Control circuit 106.21 lbf.in (12 N.m) screw terminals Power circuit 106.21 lbf.in (12 N.m) bars
Height	6.38 in (162 mm)
Width	12.20 in (310 mm)
Depth	6.20 in (157.5 mm)
Net Weight	5.07 lb(US) (2.3 kg)

Environment

Standards	IEC 60947-3 IEC 60269-2 IEC 60269-1
Product Certifications	ASEFA LOVAG LROS (Lloyds register of shipping)
Protective Treatment	TH
Ip Degree Of Protection	IP20 IEC 60529 with terminal cover)
Ambient Air Temperature For Operation	-4...158 °F (-20...70 °C)
Ambient Air Temperature For Operation	-4...158 °F (-20...70 °C) operation -40...176 °F (-40...80 °C) storage
Fire Resistance	1760 °F (960 °C) body IEC 60695-2-1 1562 °F (850 °C) fuse cover IEC 60695-2-1

Ordering and shipping details

Category	18402-WORLD SERVICE PARTS(CONTROL ACCESS)
Discount Schedule	CP10
Gtin	3389110255010
Returnability	No

Contractual warranty

Warranty	18 months
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