

GS2GB3

switch-disconnector fuse body GS2 - TeSys
GS - 3 poles - 63A - BS A2, A3



Main

Range of product	TeSys GS
Device short name	GS2G
Fuse type	BS
Fuse size	A2 A3
Product or component type	Fuse switch disconnector body
Poles description	3P
Network type	AC DC
Type of operating handle	External frontal External right side
[Ith] conventional free air thermal current	63 A at 40 °C

Complementary

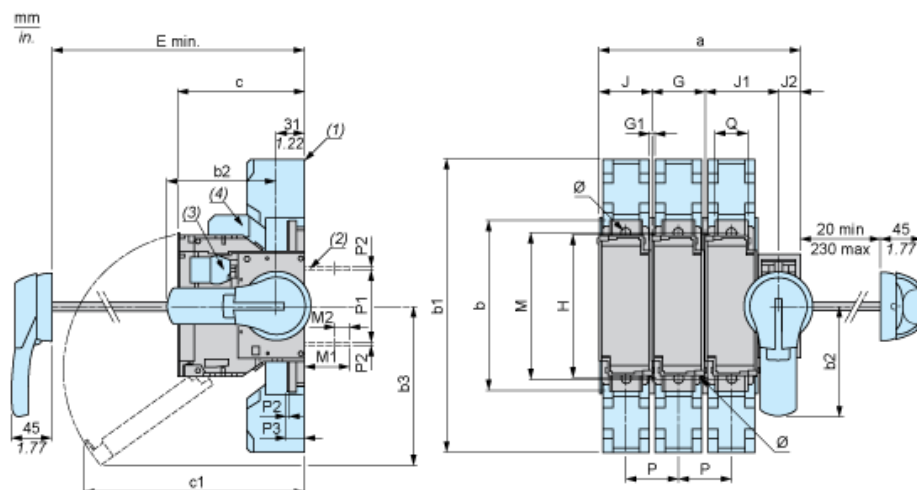
Network frequency	50/60 Hz
Mounting support	Plate Rail
[Ui] rated insulation voltage	750 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
Short-circuit withstand	10.6 kA
[Ie] rated operational current	40 A at 440 V 2 poles in series per phase DC-23A 40 A at 440 V 2 poles in series per phase DC-23B 63 A at 400 V AC-23A 63 A at 400 V AC-23B 63 A at 500 V AC-23A 63 A at 500 V AC-23B 63 A at 690 V AC-23A 63 A at 690 V AC-23B
Rated operational power in W	30 kW at 400 V AC-23A 30 kW at 400 V AC-23B 40 kW at 500 V AC-23A 40 kW at 500 V AC-23B 55 kW at 690 V AC-23A 55 kW at 690 V AC-23B
Making capacity	630 A at 400 V (AC-23B)
[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gl fuses 63 kA rating of associated fuses
Breaking capacity	500 kA at 400 V AC-23B
Mechanical durability	10000 cycles
Electrical durability	1500 cycles on AC-23A 1500 cycles on DC-23A 300 cycles on AC-23B 300 cycles on DC-23B
Connections - terminals	Power circuit: cable cable 10...25 mm ²
Tightening torque	Power circuit: 3.2 N.m
Height	136 mm
Width	118 mm
Depth	116.5 mm
Product weight	1 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Standards	IEC 60269-1 IEC 60269-2 IEC 60947-3
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	-20...70 °C
Ambient air temperature for operation	-20...70 °C operation -40...80 °C storage
Fire resistance	850 °C fuse cover conforming to IEC 60695-2-1 960 °C body conforming to IEC 60695-2-1

External Front and RH Side-mounted Operator



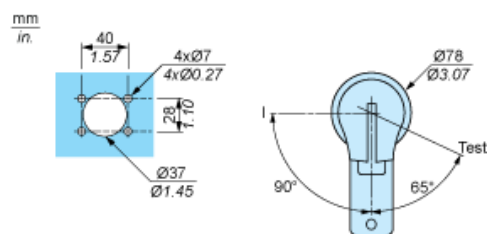
- (1) Terminal cover.
- (2) Rear access connector plates (option).
- (3) 1 to 8 auxiliary contacts GS1AM1••.
- (4) 1 to 2 auxiliary contacts GS1AF••.
- (5) 1 auxiliary contact GS1AM1••: + 23.5 mm, 2 auxiliary contacts GS1AM1••: + 47 mm.
- (6) 132 mm with 2 auxiliary contacts GS1AM1••.

In the following table the dimensions are provided in millimeters and in inches (in italic text).

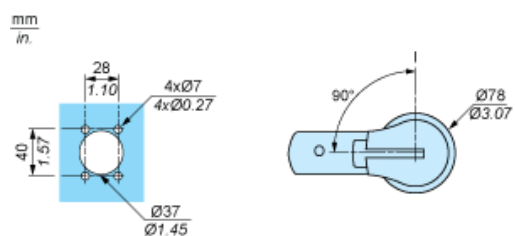
GS2	a	b	b1	b2	b3	c	c1	E min.	G	G1	H	J	J1	J2	Ø	M	M1	M2	P	P1	P2	P3	Q	Ø	
F, DB	3P	121 4.76	118 4.65	–	70 2.76	85 3.35	87 (5) 3.43	153 6.02	100 (5) 3.94	27 1.06	5.4 0.21	106 4.17	31 1.22	45 1.77	18 0.71	5 0.20	–	15 0.59	6 0.24	27 1.06	59 2.32	2 0.08	–	12 0.47	–
4P	148 5.83	118 4.65	–	70 2.76	85 3.35	87 (5) 3.43	153 6.02	100 (5) 3.94	27 1.06	5.4 0.21	106 4.17	31 1.22	45 1.77	18 0.71	5 0.20	–	15 0.59	6 0.24	27 1.06	59 2.32	2 0.08	–	12 0.47	–	
G. GB	3P	136 5.35	118 4.65	–	70 2.76	159 6.26	116.5 (6) 4.59	125 5.71	125 4.92	32 1.26	5.4 0.21	106 4.17	36 1.42	50 1.97	18 0.71	5 0.20	–	15 0.59	6 0.24	32 1.26	59 2.32	2 0.08	–	12 0.47	–
4P	168 6.61	118 4.65	–	70 2.76	159 6.26	116.5 (6) 4.59	125 5.71	125 4.92	32 1.26	5.4 0.21	106 4.17	36 1.42	50 1.97	18 0.71	5 0.20	–	15 0.59	6 0.24	32 1.26	59 2.32	2 0.08	–	12 0.47	–	
J, JB, K	3P	148 5.83	162 6.38	268 10.55	125 4.92	141 5.55	116 (6) 4.57	187 7.36	135 5.31	36 1.42	5.4 0.21	127 5.00	40 1.57	54 2.13	18 0.71	5 0.20	141 5.55	41 1.61	8 0.31	36 1.42	62 2.44	2.5 0.10	19.5 0.77	20 0.79	8.5 0.33
4P	184 7.24	162 6.38	268 10.55	125 4.92	141 5.55	116 (6) 4.57	187 7.36	135 5.31	36 1.42	5.4 0.21	127 5.00	40 1.57	54 2.13	18 0.71	5 0.20	141 5.55	41 1.61	8 0.31	36 1.42	62 2.44	2.5 0.10	19.5 0.77	20 0.79	8.5 0.33	
KK, LL	3P	148 5.83	162 6.38	268 10.55	125 4.92	141 5.55	126.5 (6) 4.98	193 7.60	135 5.31	36 1.42	5.4 0.21	127 5.00	40 1.57	54 2.13	18 0.71	5 0.20	141 5.55	41 1.61	8 0.31	36 1.42	62 2.44	2.5 0.10	19.5 0.77	20 0.79	8.5 0.33
4P	184 7.24	162 6.38	268 10.55	125 4.92	141 5.55	126.5 (6) 4.98	193 7.60	135 5.31	36 1.42	5.4 0.21	127 5.00	40 1.57	54 2.13	18 0.71	5 0.20	141 5.55	41 1.61	8 0.31	36 1.42	62 2.44	2.5 0.10	19.5 0.77	20 0.79	8.5 0.33	
L, LB, LLB	3P	190 7.48	162 6.38	268 10.55	125 4.92	174 6.85	136.5 (6) 5.37	229 9.02	145 5.71	50 1.97	5.4 0.21	140 5.51	54 2.13	64 2.52	18 0.71	5 0.20	141 5.55	41 1.61	8 0.31	50 1.97	62 2.44	2.5 0.10	19.5 0.77	20 0.79	8.5 0.33
4P	240 9.45	162 6.38	268 10.55	125 4.92	174 6.85	136.5 (6) 5.37	229 9.02	145 5.71	50 1.97	5.4 0.21	140 5.51	54 2.13	64 2.52	18 0.71	5 0.20	141 5.55	41 1.61	8 0.31	50 1.97	62 2.44	2.5 0.10	19.5 0.77	20 0.79	8.5 0.33	

GS2	a	b	b1	b2	b3	c	c1	E min.	G	G1	H	J	J1	J2	Ø	M	M1	M2	P	P1	P2	P3	Q	Ø	
MMB, NB, N	3P	234 9.21	195 7.68	345 13.58	125 4.92	185 7.28	146 5.75	251 9.88	154 6.06	60 2.36	6.4 0.25	162 6.38	64 2.52	86 3.39	25 0.98	6 0.24	166 6.54	52 2.05	17 0.67	60 2.36	84 3.31	2.5 0.10	19.5 0.77	32 1.26	11 0.43
4P	294 11.57	195 7.68	345 13.58	125 4.92	185 7.28	146 5.75	251 9.88	154 6.06	60 2.36	6.4 0.25	162 6.38	64 2.52	86 3.39	25 0.98	6 0.24	166 6.54	52 2.05	17 0.67	60 2.36	84 3.31	2.5 0.10	19.5 0.77	32 1.26	11 0.43	
PPB, QQB, QQ	3P	252 9.92	205 8.07	355 13.98	125 4.92	200 7.87	149 5.87	260 10.24	157 6.18	66 2.60	6.4 0.25	172 6.77	70 2.76	91 3.58	25 0.98	6 0.24	175 6.89	54 2.13	14.5 0.57	66 2.60	84 3.31	3 0.12	20 0.79	50 1.97	11 0.43
4P	318 12.52	205 8.07	355 13.98	125 4.92	200 7.87	149 5.87	260 10.24	157 6.18	66 2.60	6.4 0.25	172 6.77	70 2.76	91 3.58	25 0.98	6 0.24	175 6.89	54 2.13	14.5 0.57	66 2.60	84 3.31	3 0.12	20 0.79	50 1.97	11 0.43	

Door Cut-out - For External Front-mounted Operator



Door Cut-out - For External RH Side-mounted Operator



3-pole GS

