

Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2L
Product or component type	Switch-disconnector-fuse
Poles description	3P
Protected poles description	3t
Contacts type and composition	3 NO
[Ith] conventional free air thermal current	160 A at 40 °C
[Ie] rated operational current	125 A at 440 V 2 poles in series per phase 125 A at 440 V 2 poles in series per phase 160 A at 400 V on AC-23A 160 A at 400 V on AC-23B 160 A at 500 V on AC-23A 160 A at 500 V on AC-23B 125 A at 690 V on AC-23A 125 A at 690 V on AC-23B
Fuse type	BS
Fuse size	B1 B2
Network type	AC DC
Network frequency	50/60 Hz

Complementary

Type of operating handle	External frontal External right side
Mounting support	Plate
[Ui] rated insulation voltage	750 V AC
[Uimp] rated impulse withstand voltage	8 kV
Rated operational power in W	110 kW at 500 V 110 kW at 690 V 80 kW at 400 V
Making capacity	1600 A at 400 V on AC-23B
[Icm] rated short-circuit making capacity	80 kA at 400 V with protection by gG fuses
Breaking capacity	1280 A at 400 V on AC-23B
Short-circuit withstand	20 kA
Mechanical durability	10000 cycles
Electrical durability	On DC-23A On DC-23B On AC-23A On AC-23B
Connections - terminals	Power circuit : bars cable 20 mm² Power circuit : lugs-ring terminals cable 50...95 mm²
Tightening torque	Power circuit : 12 N.m

Environment

standards	IEC 60947-3
product certifications	CE
IP degree of protection	IP20 with terminal cover conforming to IEC 60529
ambient air temperature for operation	-20...70 °C
ambient air temperature for storage	-40...80 °C
fire resistance	960 °C body conforming to IEC 60695-2-1 850 °C fuse cover conforming to IEC 60695-2-1

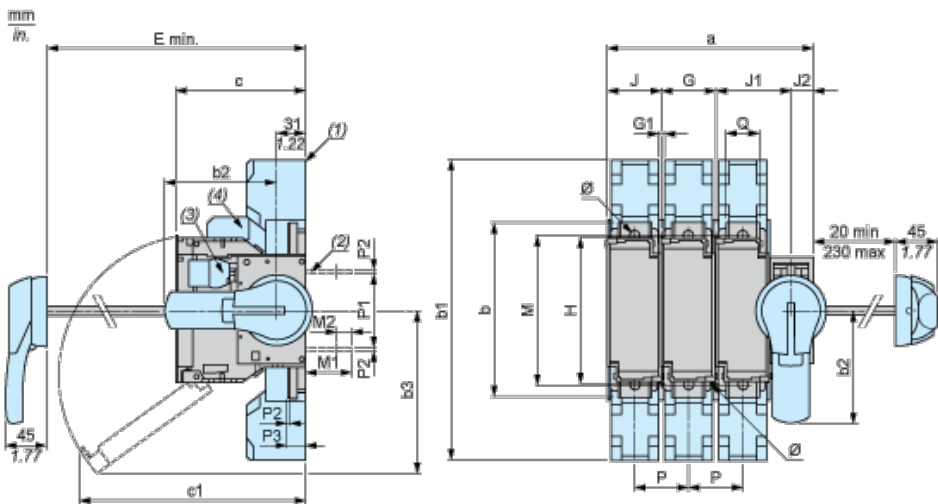
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height	162 mm
width	190 mm
depth	136.5 mm
product weight	1.8 kg

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0844 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold

External Front and RH Side-mounted Operator

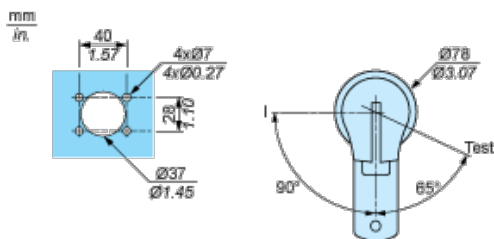


- (1) Terminal cover.
- (2) Rear access connector plates (option).
- (3) 1 to 8 auxiliary contacts GS1AM1••.
- (4) 1 to 2 auxiliary contacts GS1AF••.
- (5) 1 auxiliary contact GS1AM1••: + 23.5 mm, 2 auxiliary contacts GS1AM1••: + 47 mm.
- (6) 132 mm with 2 auxiliary contacts GS1AM1••.

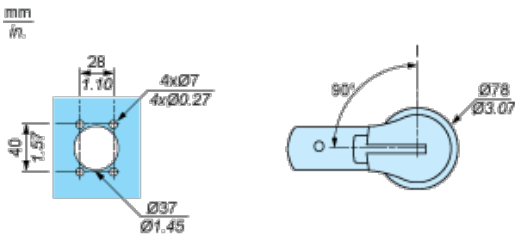
In the following table the dimensions are provided in millimeters and in inches (in *italic text*).

GS2		a	b	b1	b2	b3	c	c1	E min.	G	G1	H	J	J1	J2	Ø	M	M1	M2	P	P1	
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 C
	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 C
G, GB	3P	136 5.35	118 4.65	–	70 2.76	159 6.26	116.5 (6) 4.59	145 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 C
	4P	168 6.61	118 4.65	–	70 2.76	159 6.26	116.5 (6) 4.59	145 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 C
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 C
	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 C
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 C
	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 C
L, LB, LLB	3P	190 7.48	162 6.38	268 10.55	125 4.92	174 6.85	136.5 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 C
	4P	240 9.45	162 6.38	268 10.55	125 4.92	174 6.85	136.5 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 C
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 C
	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 C
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 C
	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 C

Door Cut-out - For External Front-mounted Operator



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



3-pole GS

