

SLB1604P

Socomec SLB Load Break Switch kit, w/ External Handle, 4P 160A



LOAD BREAK SWITCHES

socomec
Innovative Power Solutions

Component type	Switch disconnector
Range	SLB
Model	N/A
Product status	Existing

Compact switching solutions from 125A up to 5000A, the SLB range of load break switches are a proven, reliable design. Severe load duty categories (AC-22 and AC-23) are well suited to the arduous switching of motors, main switch isolation and disconnection of other loads.



ELECTRICAL

Max. rated operation voltage Ue AC	8000 V
Rated permanent current at AC-21, 400 V	160 A
Rated uninterrupted current Iu	160 A
Number of poles	4
Rated operation power at AC-23, 400 V	80 kW
Rated operation current Ie at AC-23a, 400 V	160 A
Rated operation current Ie at AC-23a, 500 V	100 A
Rated operation current Ie at AC-23a, 690 V	63 A
Rated operation current Ie at DC-23, 220 V	125 A
Rated operation current Ie at DC-23a, 500 V	125 A
Rated short-time withstand current Icw	15 kA
Rated insulation voltage Ui	800 V
Rated impulse withstand voltage Uimp	8 kV
Type of control element	Long turning handle
Rated permanent current at AC-23, 400 V	160 A
Number of auxiliary contacts as normally closed contact	0
Number of auxiliary contacts as normally open contact	0
Number of auxiliary contacts as change-over contact	0

CONSTRUCTION

Degree of protection (IP), front side	IP65
Version as main switch	Yes
Version as reversing switch	No
Number of switches	1
Suitable for front mounting 4-hole	No
Suitable for front mounting centre	No

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CONSTRUCTION

Suitable for distribution board installation Yes

Suitable for intermediate mounting No

Interlockable No

MECHANICAL

Padlock locking Yes

Height 135 mm

Width 150 mm

DIMENSIONS

Depth 65 mm

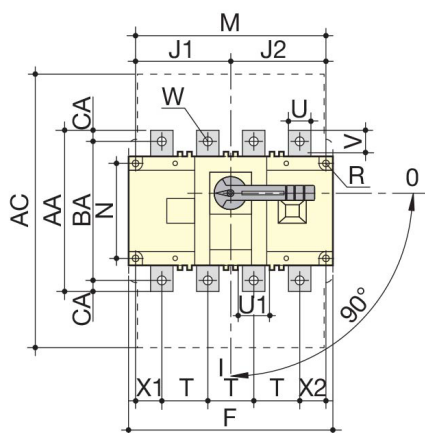
Conductor cross section (solid, stranded) 50-95 mm²

Connectable conductor cross section 50-95 mm²

DIMENSIONAL DIAGRAM

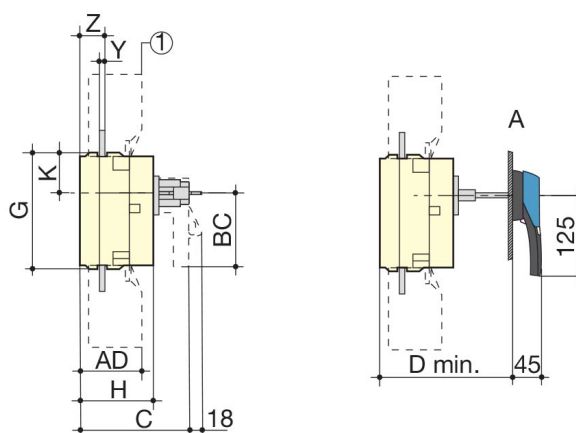
SIRCO 125 to 630 A and SIRCO AC 200 to CD 630 A

Direct front operation



1. Terminal shroud

External front operation



1. S2 type handle

Overall Dim. Terminal shrouds

Rating(A) SIRCO	Rating(A) SIRCO AC	C	D min	AC	AD	F 3p.	F 4p.	G	H	J1 3p.	J2 4p.	J2	K	BC	M 3p.	M 4p.	N	R	T	U	U1	V	W	X1 3p.	X1 4p.	X2	Y	Z	AA	BA	CA
125...160				235	50	140	170	93	65	45	75	75	31.5	80	120	150	65	5.5	36	20	20.5	25	9	28	22	20	3.5	20.5	135	115	10
200...250	200...250	115	125	280	60	180	230	108	75	55	105	105	34	115	160	210	80	5.5	50	20 35	25.5	21.5	11	33	33	27	3.5	22.5	160	130	15
	315																														
315...400	400...500																						11	42.5	37.5	37.5	5	36	235	205	15
500	-	160	165	401	89	230	290	170	110	75	135	135	55	115	210	270	140	7	65	32	45.5	29	13								
630	CD 630																			45	41.5								260	220	20