

BCO1253PMB

Socomec BCO Manual Transfer Switch kit - UPS Bypass M.B, w/
External Handle (I I+II II), 3P 125A



Component type	AC transfer system
Range	BCO Changeover
Model	N/A
Product status	Existing

The BCO Bypass changeover switches are a combination of three interlocked switches enabling 3+6 or 4+8 pole configurations for bypass applications. For overlapping contact switching (I-I+II-II), this configuration provides bypass to a UPS or other devices when sources are synchronised and the UPS is in static bypass mode. Available from 125 to 1600A.



ELECTRICAL

Rated current In	125.0 A
Number of poles	3-pole
Rated insulation voltage Ui	800.0 V
Rated impulse withstand voltage Uimp	8.0 kV
Rated operation current Ie at AC-23, 400 V	125.0 A
Rated operation current Ie at AC-23, 690 V	63.0 A
Rated operation current Ie at DC-23, 220 V	125.0 A

CONSTRUCTION

Degree of protection (IP)	IP20
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DIMENSIONS

Height	135.0 mm
Width	221.0 mm
Depth	320.0 mm

ENVIRONMENT

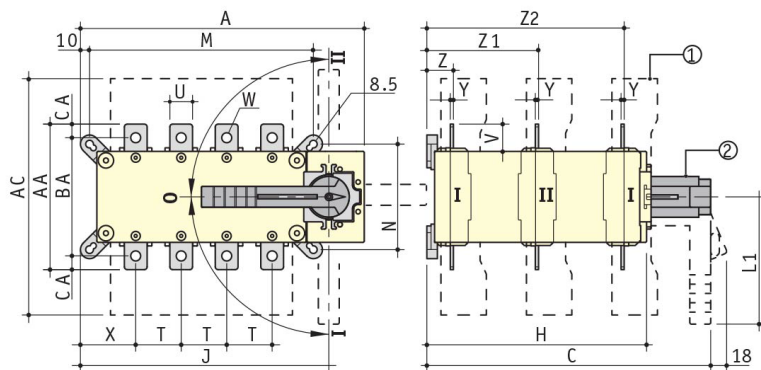
Ambient temperature	-20 - 40 °C
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DIMENSIONAL DIAGRAM

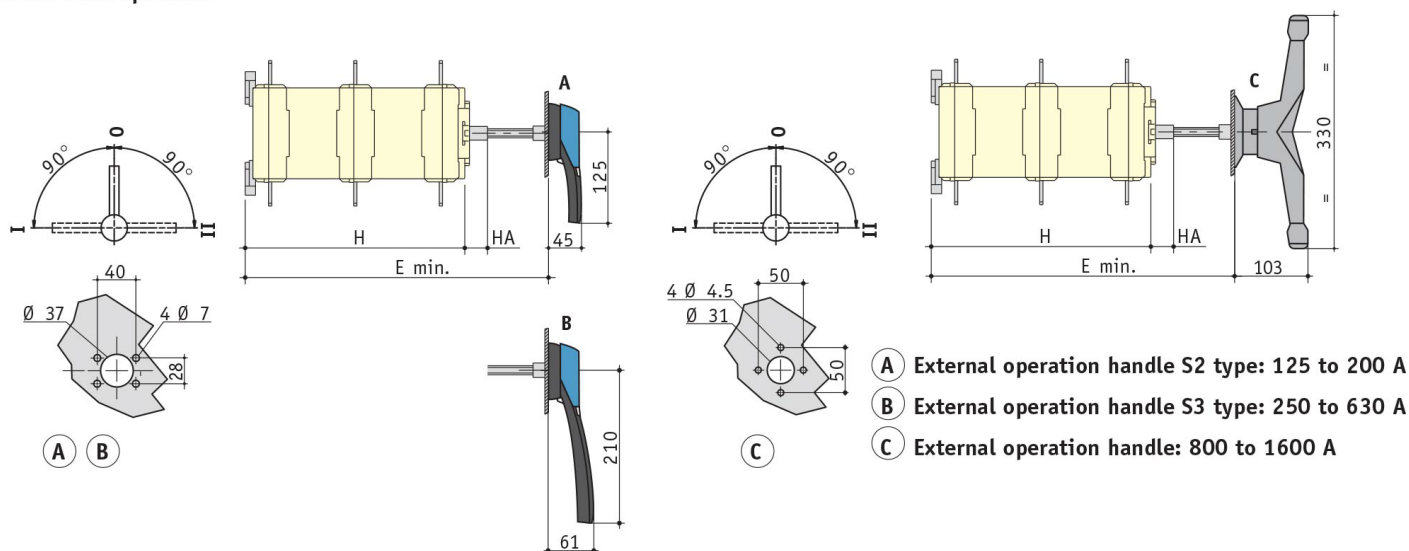
SIRCOVER bypass 125 to 1600 A

Direct front operation



- ① **Terminal shrouds**
- ② **Direct operation handle:**
 - 125 to 200 A: L1 = 140 mm
 - 250 to 630 A: L1 = 210 mm
 - 800 to 1600 A: L1 = $\varnothing$ 330 mm

External front operation



Rating (A)	Overall dimensions (mm)				Terminal shrouds			Switch body		Switch mounting												Connection terminals								
	A	A	C	E	AC	H	HA	J	J	M	M	N	T	U	V	W	X	X	Y	Z	Z1	Z2	AA	BA	CA					
	3P	4P		min.				3P	4P	3P	4P						3P	4P												
125	221	251	313	320	235	243	25	182	212	156	186	101	36	20	25	8.5	56	50	3.5	28	124	219	135	115	10					
160	221	251	313	320	235	243	25	182	212	156	186	101	36	20	25	8.5	56	50	3.5	28	124	219	135	115	10					
200	221	251	313	320	235	243	25	182	212	156	186	101	36	20	25	8.5	56	50	3.5	28	124	219	135	115	10					
250	262	312	313	298	280	243	25	223	273	196	246	116	50	25	30	11	61	61	3.5	30	124	219	160	130	10					
400	262	312	313	298	280	243	25	223	273	196	246	116	50	35	35	11	61	61	3.5	30	124	219	170	140	15					
500	319	379	432	417	401	362	25	272	332	246	306	176	65	32	37	13	70.5	65.5	5	43	180	317	235	205	15					
630	319	379	432	417	400	362	25	272	332	246	306	176	65	45	50	13	70.5	65.5	5	43	180	317	260	220	20					
800	386	466	560	550	459	479	29	306.5	386.5	255	335	250	80	50	60.5	15	48	48	7	66.5	253.5	439.5	321	–	26.5					
1250	386	466	560	550	459	479	29	306.5	386.5	255	335	250	80	60	65	16x11	48	48	7	66.5	253.5	439.5	320	–	29.25					
1600	478	598	560	550	461	479	29	388.5	518.5	347	467	250	120	90	43.5	12.5x5	54	54	8	66.5	253.5	439.5	288	–	15					