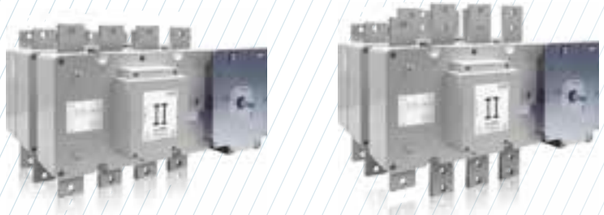
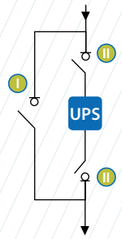
series S5B

S5000B
By-pass changeover switch base mounting 3P - 3P+N

Size 4

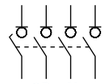
A 1250|1600|1800|2000





	CODE - 1250A	CODE - 1600A	CODE - 1800A	CODE - 2000A
3P	S5B12503PS0	S5B16003PS0	S5B18003PS0	S5B20003PD0
3P + N	S5B12503NS0	S5B16003NS0	S5B18003NS0	S5B20003ND0

3P


3P + N

Technical information

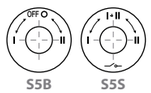
CE EAC

tests: AIT AUSTRIAN INSTITUTE OF TECHNOLOGY TOMORROW TODAY

According to IEC / EN 60947-3

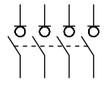
					1250	1600	1800	2000
Rated thermal current	Ith	in ambient at 40° C		A	1250	1600	1800	2000
Rated insulation voltage	Ui			V	1000	1000	1000	1000
Rated dielectric strength	50 Hz., 1 min.			V	10000	10000	10000	10000
Rated impulse withstand voltage	Uimp			kV	12	12	12	12
AC Rated operational current *(1) (Rated operational frequency 50 / 60 Hz)	Ie	400V	AC21A	A	1250	1600	1800	2000
		400V	AC22A	A	1250	1600	1800	2000
		500V	AC21A	A	1250	1600	1800	2000
		500V	AC22A	A	1000	1250	1600	1800
		690V	AC21A	A	1000	1600	1800	1800
		690V	AC22A	A	630	1000	1250	1600
		800V	AC20A	A	1250	1600	1800	2000
		1000V	AC20A	A	1250	1600	1800	2000
AC Rated operational power *(2)	Pe	3x400V	AC23A	kW	554,2	554,2	692,8	692,8
		3x500V	AC23A	kW	554,2	623,5	692,8	692,8
		3x690V	AC23A	kW	478	602,3	764,8	764,8

				1250	1600	1800	2000
Rated capacitor power	400V, sen φ = 0,65		kVAr	450,03	450,03	562,9	562,9
Rated breaking capacity	400V	AC22A	A	3750	4800	5400	6000
Rated making capacity	400V	AC22A	A	3750	4800	5400	6000
Short - circuit behaviour							
Short - circuit making capacity *(3)	Icm		kA (peak)	60	75	75	75
Short - time withstand current (1 sec.)	Icw		kA rms	25	50	50	50
Minimun number of mechanical operations *(4)			Cycles	3000	3000	3000	3000
Minimum number of electrical operations	400V	AC22A	Cycles	500	500	500	500
Maximum weight (3/4 poles)			Kg	65,2/72,1	65,2/72,1	65,2/72,1	65,2/72,1



S5B S5S

Overlapped contacs (S5S series), under request.


4P

Also available 4P changeover switches under request, consult reference

*(1) Other voltages and / or utilization categories; please consult
*(2) Indicative values, value cos φ=0,8
*(3) Without limiting protective device (short - circuit maintained 50 ms. - 100 ms.)
*(4) Please consult us for more operations

series S5B

Accessories

Direct handle
CODE D5LLI32

External handle included shaft *(e1)
IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE D5LLA31

Shafts
Standard shaft included *(e1)

L (mm)	P (mm)
239	572... 645

Auxiliary contacts
1NO+1NC *CODE* DS-AU11
2NO+2NC *CODE* DS-AU12

Ie = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.

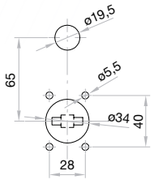
Terminal shrouds
CODE DS-CU41
(1 kit for input or output only front side)

Safety key lock device
Simple *CODE* D5LCB41
Double *CODE* D5LCF41

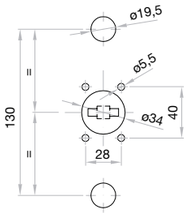
For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON"), the key can only be removed with the handle locked

Door drilling for handle and keylock device

Simple

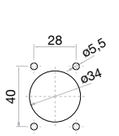


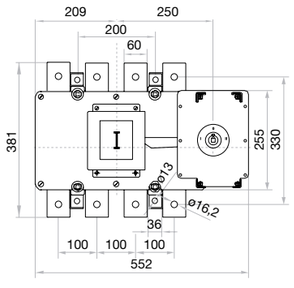
Double

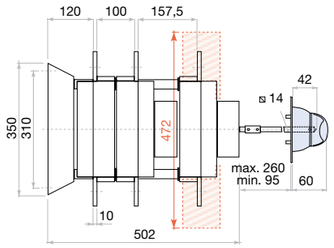


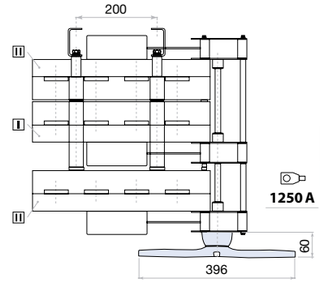
Dimensions (mm)

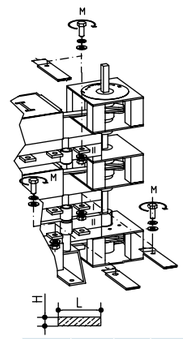
Door drilling for external handle



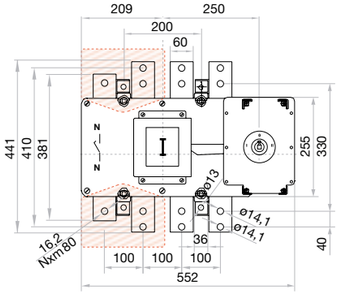


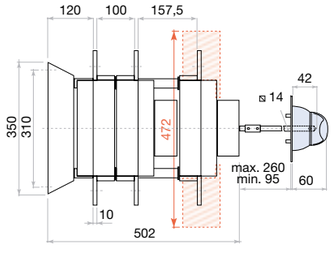


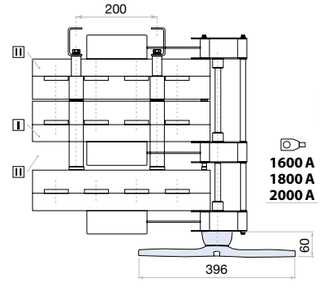


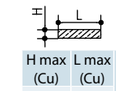


	H max (Cu) mm	L max (Cu) mm		M Nxm
1250 A	2x7	80	M16	80









	H max (Cu) mm	L max (Cu) mm		M Nxm
1600 A **1800 A** **2000 A**	2x7	80	M14	55