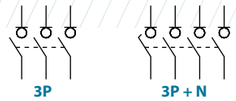
series S5L|S5F

S5000L | S5000F
Changeover switch base mounting 3P - 3P+N

Size 0

A 125|160|200

	CODE - 125A	CODE - 160A	CODE - 125A	CODE - 160A	CODE - 200A
3P	S5L01253PB0	S5L01603PB0	S5F01253PS0	S5F01603PS0	S5F02003PS0
3P + N	S5L01253NB0	S5L01603NB0	S5F01253NS0	S5F01603NS0	S5F02003NS0



Technical information

tests:

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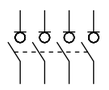
According to IEC / EN 60947-3

					125	160	200
Rated thermal current	Ith	in ambient at 40° C		A	125	160	200
Rated insulation voltage	Ui			V	1000	1000	1000
Rated dielectric strength	50 Hz., 1 min.			V	4000	4000	4000
Rated impulse withstand voltage	Uimp			kV	8	8	8
AC Rated operational current *(1) (Rated operational frequency 50 / 60 Hz)	Ie	400V	AC21A	A	125	160	200
		400V	AC22A	A	125	160	200
		500V	AC21A	A	125	160	200
		500V	AC22A	A	125	160	200
		690V	AC21A	A	125	160	180
		690V	AC22A	A	100	125	160
		800V	AC20A	A	125	160	200
		1000V	AC20A	A	125	160	200
AC Rated operational power *(2)	Pe	3x400V	AC23A	kW	69,2	88,6	88,6
		3x500V	AC23A	kW	69,2	88,6	88,6
		3x690V	AC23A	kW	76,4	76,4	76,4

				125	160	200
Rated capacitor power	400V, sen φ = 0,65	kVAr		56,2	72	90
Rated breaking capacity	400V	AC22A	A	375	480	600
Rated making capacity	400V	AC22A	A	375	480	600
Short - circuit behaviour						
Short - circuit making capacity *(3)	Icm		kA (peak)	13	13	13
Short - time withstand current (1 sec.)	Icw		kA rms	7	7	7
Minimun number of mechanical operations *(4)			Cycles	10000	10000	10000
Minimum number of electrical operations	400V	AC22A	Cycles	1000	1000	1000
Maximum weight (3/4 poles)		S5L	Kg	1,8/2	1,8/2	-
		S5F	Kg	1,8/2,1	1,8/2,1	1,9/2,2



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

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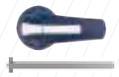
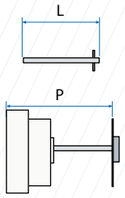
series S5L|S5F

Accessories

Direct handle
CODE D5LSI01



External handle included shaft *(e1)
IP65
CODE D5LLA01



Shafts

Standard shaft included *(e1)

	L (mm)	P (mm)
S5F	177	163... 250,5
S5L	177	87... 198

Shaft extensions

Type 1

	L (mm)	P (mm)	CODE
S5F	250	163... 323,5	DS-EP04
S5L	250	87... 271	DS-EP04

Type 2

	L (mm)	P (mm)	CODE
S5F	387	163... 460,5	DS-EP05
S5L	387	87... 408	DS-EP05

Auxiliary contacts

1NO+1NC	CODE S5F	DS-AU11
	CODE S5L	D5LAU01
2NO+2NC	CODE S5F	DS-AU12
	CODE S5F	D5LAU02

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

Terminal protection
CODE DS-CU01
(1 unit for input or output only frontal side)

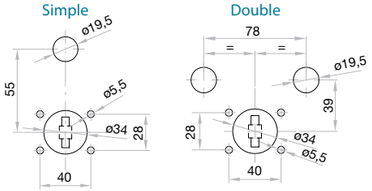
Bridging links (4 pieces)
CODE S5F D5LPC03
CODE S5L D5LPC01

DIN rail mounting
CODE DS-DN01
(only for S5L changeover switches, order two kits)

Safety key lock devices
Simple *CODE* D5LCBB1
Double *CODE* D5LCEB1

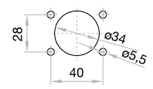
For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON"), the key can only be removed with the handle locked

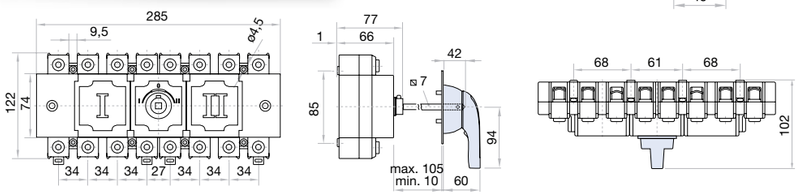
Door drilling for handle and keylock device

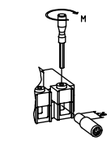


Dimensions (mm)

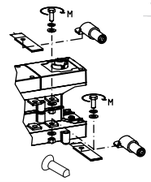
Door drilling for external handle

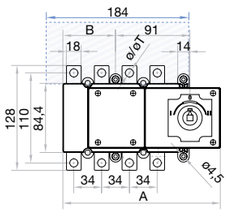






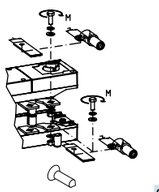
	S max (Cu) mm²	M Nxm
125 A 160 A	95	4

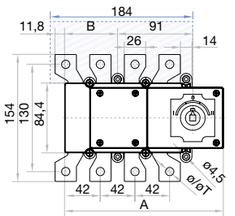




	A 3P	A 4P	B 3P	B 4P	ø	øT
125 A 160 A	181	192	53	64	10	M8

	S max (Cu) mm²	H max (Cu) mm	L max (Cu) mm	M Nxm
	95	5	25	M8 13





	A 3P	A 4P	B 3P	B 4P	ø	øT
200 A	181	192	53	64	10	M10

	S max (Cu) mm²	H max (Cu) mm	L max (Cu) mm	M Nxm
	120	5	30	M10 18