

telergon
gorlan



S3 Series

AC Switch-disconnectors

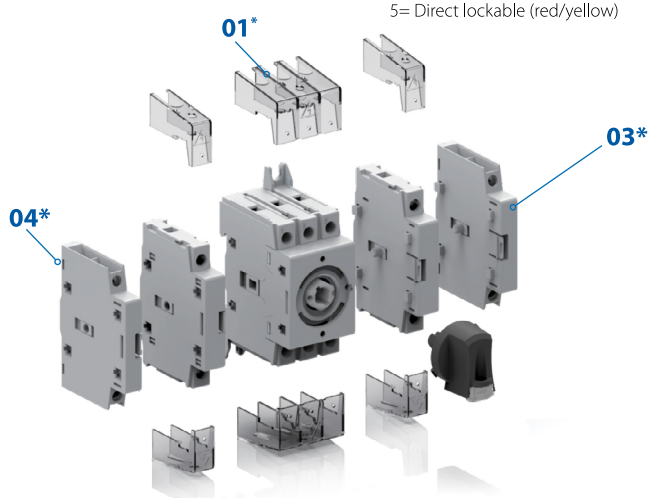
► **CODE**

1	2	3	4	5	6	7	8	9	10	11	12
S	3	-	0	0	1	6	3	P	1	D	B
Series			Rating 16A - 125A			Poles 3P 4A=4P			Handle		

- 1= Direct lockable (black)
 2= Panel without lock (black)
 3= Panel lockable (black)
 4= Emergency panel lockable (red/yellow)
 5= Direct lockable (red/yellow)

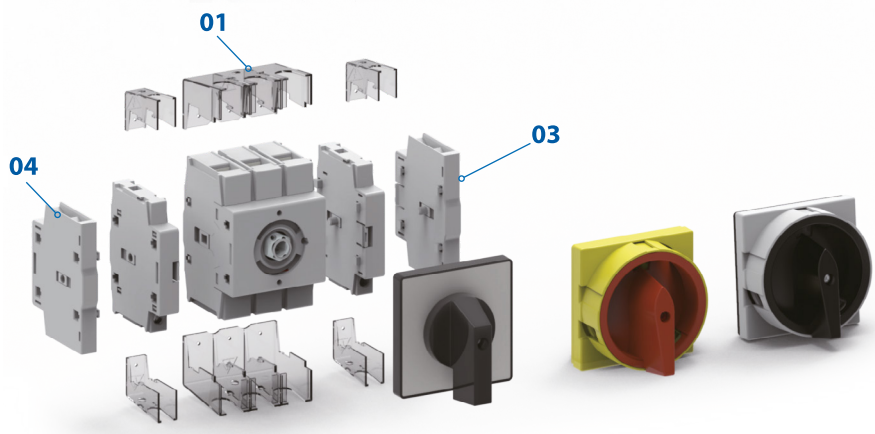
Din-Rail Mounting

D B



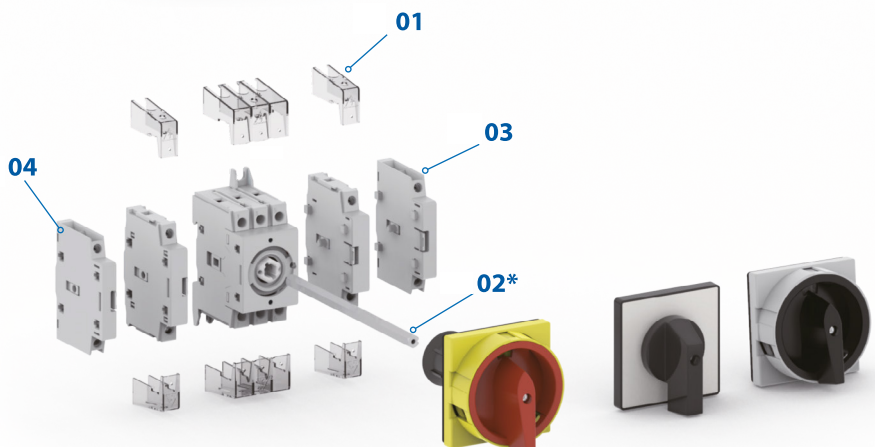
Panel Mounting

P M



Door Interlock

D C



* For Accessories, refer Pg.no.7



Plastic enclosure (EP)



Aluminium enclosure (EA)



► TECHNICAL DATA

IEC 60947-3

			Size								
			000					00		0	
ELECTRICAL DATA											
Thermal current (-25...+55°C)	Ith	A	16	20	25	32	40	63	80	100	125
Rated insulation voltage	Ui	Vac	800								
Rated impulse withstand voltage	Uimp	kV	8								
AC rated operational current	Ue 415V AC23A	A	16	20	25	32	40	63	80	100	125
AC rated operational power	Ue 415V AC23A	kV	7.5	9	11	15	18.5	30	37	45	55
SHORT CIRCUIT BEHAVIOR (fuse protected)											
Fuse type	415V	A	16	20	25	32	40	63	80	100	125
Rated conditional short-circuit current	415V	kA	10					15		20	
SHORT CIRCUIT PERFORMANCE (unprotected)											
Rated short-time withstand current 1S	Icw	kA (rms)	1.0					1.5		2.5	
Rated short circuit making capacity	Icm	kA (peak)	0.8					1.4		2.1	
CONNECTION CAPACITY											
Cable cross section		mm2	1.5~10					2.5~35		10~70	
MECHANICAL DATA											
Number of operating cycles	Cycles		100000								

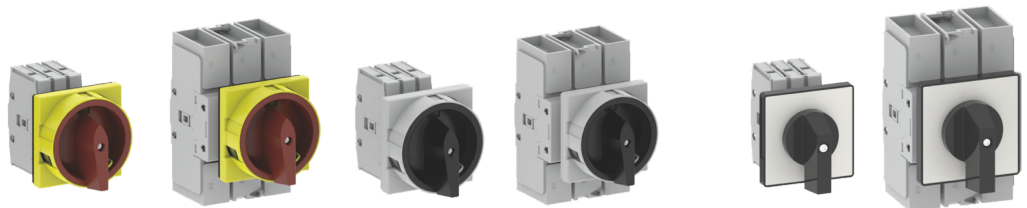
AC switch-disconnector

► DIN-RAIL MOUNTING (DB)



			 padlockable		 padlockable	
			3P	4P	3P	4P
Size	Amp	Plate Ø (mm)	Code	Code	Code	Code
000	16	35.5	S3-00163P5DB	S3-00164A5DB	S3-00163P1DB	S3-00164A1DB
	20	35.5	S3-00203P5DB	S3-00204A5DB	S3-00203P1DB	S3-00204A1DB
	25	35.5	S3-00253P5DB	S3-00254A5DB	S3-00253P1DB	S3-00254A1DB
	32	35.5	S3-00323P5DB	S3-00324A5DB	S3-00323P1DB	S3-00324A1DB
	40	35.5	S3-00403P5DB	S3-00404A5DB	S3-00403P1DB	S3-00404A1DB
00	63	52.5	S3-00633P5DB	S3-00634A5DB	S3-00633P1DB	S3-00634A1DB
	80	52.5	S3-00803P5DB	S3-00804A5DB	S3-00803P1DB	S3-00804A1DB
0	100	69.1	S3-01003P5DB	S3-01004A5DB	S3-01003P1DB	S3-01004A1DB
	125	69.1	S3-01253P5DB	S3-01254A5DB	S3-01253P1DB	S3-01254A1DB

► PANEL MOUNTING (PM)



			 padlockable (red/yellow)		 padlockable (black)		 without lock (black)	
			3P	4P	3P	4P	3P	4P
Size	Amp	Plate Ø (mm)	Code	Code	Code	Code	Code	Code
000	16	35.5	S3-00163P4PM	S3-00164A4PM	S3-00163P3PM	S3-00164A3PM	S3-00163P2PM	S3-00164A2PM
	20	35.5	S3-00203P4PM	S3-00204A4PM	S3-00203P3PM	S3-00204A3PM	S3-00203P2PM	S3-00204A2PM
	25	35.5	S3-00253P4PM	S3-00254A4PM	S3-00253P3PM	S3-00254A3PM	S3-00253P2PM	S3-00254A2PM
	32	35.5	S3-00323P4PM	S3-00324A4PM	S3-00323P3PM	S3-00324A3PM	S3-00323P2PM	S3-00324A2PM
	40	35.5	S3-00403P4PM	S3-00404A4PM	S3-00403P3PM	S3-00404A3PM	S3-00403P2PM	S3-00404A2PM
00	63	52.5	S3-00633P4PM	S3-00634A4PM	S3-00633P3PM	S3-00634A3PM	S3-00633P2PM	S3-00634A2PM
	80	52.5	S3-00803P4PM	S3-00804A4PM	S3-00803P3PM	S3-00804A3PM	S3-00803P2PM	S3-00804A2PM
0	100	69.1	S3-01003P4PM	S3-01004A4PM	S3-01003P3PM	S3-01004A3PM	S3-01003P2PM	S3-01004A2PM
	125	69.1	S3-01253P4PM	S3-01254A4PM	S3-01253P3PM	S3-01254A3PM	S3-01253P2PM	S3-01254A2PM

AC switch-disconnector

DOOR INTERLOCK (DC)



			 padlockable (red/yellow)		 padlockable (black)		 without lock (black)	
			3P	4P	3P	4P	3P	4P
Size	Amp	Plate Ø (mm)	Code	Code	Code	Code	Code	Code
000	16	35.5	S3-00163P4DC	S3-00164A4DC	S3-00163P3DC	S3-00164A3DC	S3-00163P2DC	S3-00164A2DC
	20	35.5	S3-00203P4DC	S3-00204A4DC	S3-00203P3DC	S3-00204A3DC	S3-00203P2DC	S3-00204A2DC
	25	35.5	S3-00253P4DC	S3-00254A4DC	S3-00253P3DC	S3-00254A3DC	S3-00253P2DC	S3-00254A2DC
	32	35.5	S3-00323P4DC	S3-00324A4DC	S3-00323P3DC	S3-00324A3DC	S3-00323P2DC	S3-00324A2DC
	40	35.5	S3-00403P4DC	S3-00404A4DC	S3-00403P3DC	S3-00404A3DC	S3-00403P2DC	S3-00404A2DC
00	63	52.5	S3-00633P4DC	S3-00634A4DC	S3-00633P3DC	S3-00634A3DC	S3-00633P2DC	S3-00634A2DC
	80	52.5	S3-00803P4DC	S3-00804A4DC	S3-00803P3DC	S3-00804A3DC	S3-00803P2DC	S3-00804A2DC
0	100	69.1	S3-01003P4DC	S3-01004A4DC	S3-01003P3DC	S3-01004A3DC	S3-01003P2DC	S3-01004A2DC
	125	69.1	S3-01253P4DC	S3-01254A4DC	S3-01253P3DC	S3-01254A3DC	S3-01253P2DC	S3-01254A2DC

MULTIPOLE AND CHANGEOVER SWITCHES



			Din-Rail mounting Multipole switch		Din-Rail mounting changeover switch (I-O-II)		Din-Rail mounting By-pass changeover switch (I-I+II-II)	
			6P	8P	3P	4P	3P	4P
Size	Amp	Plate Ø (mm)	Code	Code	Code	Code	Code	Code
00	63	105	S3M00636P1DB	S3M00638P1DB	S3L00633P1DB	S3L00634A1DB	S3S00633P1DB	S3S00634A1DB
	80	105	S3M00806P1DB	S3M00808P1DB	S3L00803P1DB	S3L00804A1DB	S3S00803P1DB	S3S00804A1DB



Enclosure solutions

▶ PLASTIC ENCLOSURE (EP)



		Emergency handle		Black handle	
		3P	4P	3P	4P
Size	Amp	Code	Code	Code	Code
000	16	S3-00163P4EP	S3-00164A4EP	S3-00163P3EP	S3-00164A3EP
	20	S3-00203P4EP	S3-00204A4EP	S3-00203P3EP	S3-00204A3EP
	25	S3-00253P4EP	S3-00254A4EP	S3-00253P3EP	S3-00254A3EP
	32	S3-00323P4EP	S3-00324A4EP	S3-00323P3EP	S3-00324A3EP
	40	S3-00403P4EP	S3-00404A4EP	S3-00403P3EP	S3-00404A3EP
00	63	S3-00633P4EP	S3-00634A4EP	S3-00633P3EP	S3-00634A3EP
	80	S3-00803P4EP	S3-00804A4EP	S3-00803P3EP	S3-00804A3EP
0	100	S3-01003P4EP	S3-01004A4EP	S3-01003P3EP	S3-01004A3EP
	125	S3-01253P4EP	S3-01254A4EP	S3-01253P3EP	S3-01254A3EP

▶ ALUMINIUM ENCLOSURE (EA)



		Emergency handle		Black handle	
		3P	4P	3P	4P
Size	Amp	Code	Code	Code	Code
000	16	S3-00163P4EA	S3-00164A4EA	S3-00163P3EA	S3-00164A3EA
	20	S3-00203P4EA	S3-00204A4EA	S3-00203P3EA	S3-00204A3EA
	25	S3-00253P4EA	S3-00254A4EA	S3-00253P3EA	S3-00254A3EA
	32	S3-00323P4EA	S3-00324A4EA	S3-00323P3EA	S3-00324A3EA
	40	S3-00403P4EA	S3-00404A4EA	S3-00403P3EA	S3-00404A3EA
00	63	S3-00633P4EA	S3-00634A4EA	S3-00633P3EA	S3-00634A3EA
	80	S3-00803P4EA	S3-00804A4EA	S3-00803P3EA	S3-00804A3EA

Accessories

01

Terminal shrouds



Size	Amp.	1P	3P
		Code	Code
000	16A-40A	DS3CUA2	DS3CUA1
00	63A-80A	DS3CUB2	DS3CUB1
0	100A-125A	DS3CU02	DS3CU01

02

Shaft extension



Lenght (mm)	Code
150	DS3EPA1
320	DS3EPA3

03

Side Mount Add-on Pole



Size	Amp	Width (mm)	Simultaneous	
			Front installation	Reverse installation
			DB/DC/EP/EA	PM
Code				
000	16A-40A	11	DS3PSAF	DS3PSAR
00	63A-80A	16	DS3PSBF	DS3PSBR
0	100A-125A	21.3	DS3PS0F	DS3PS0R

04

Add-on Auxiliary Contacts

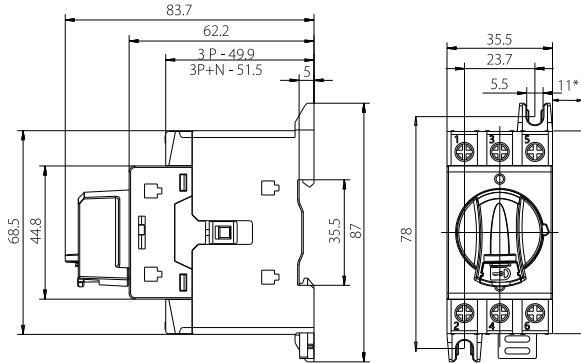


Width (mm)	1NO+1NC		2NO	
	DB/DC/EP/EA	PM	DB/DC/EP/EA	PM
	Code	Code	Code	Code
9	DS3AUP1	DS3AUP1R	DS3AUP2	DS3AUP2R

AC electrical characteristics AC-13: 10A, 230V~ AC-15: 6A, 230V~.

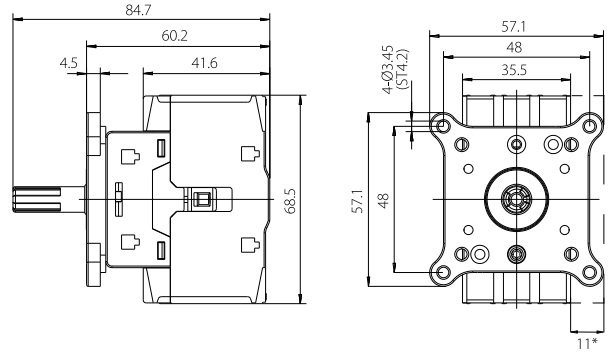
Dimensions

► DIN-RAIL MOUNTING (DB)

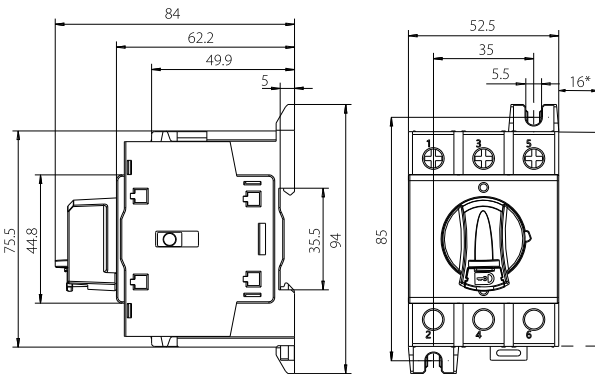


S3/000 3P & *4P

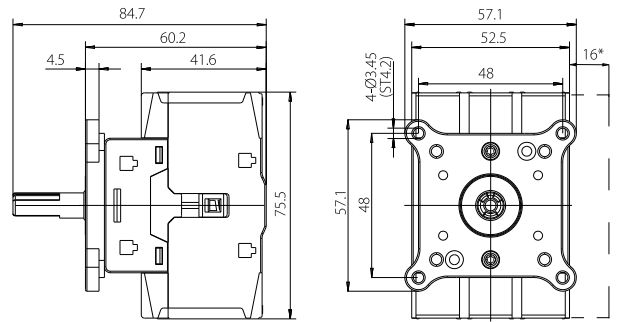
► PANEL MOUNTING (PM)



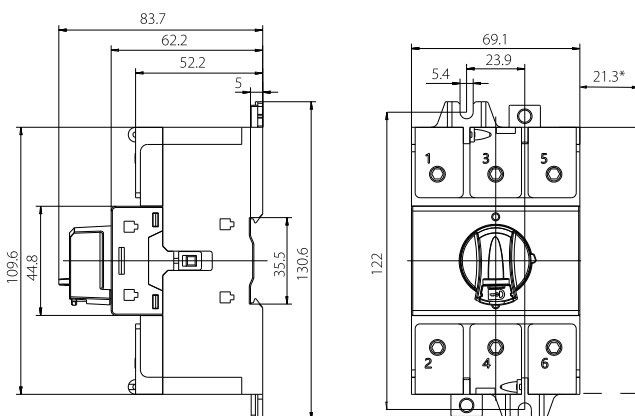
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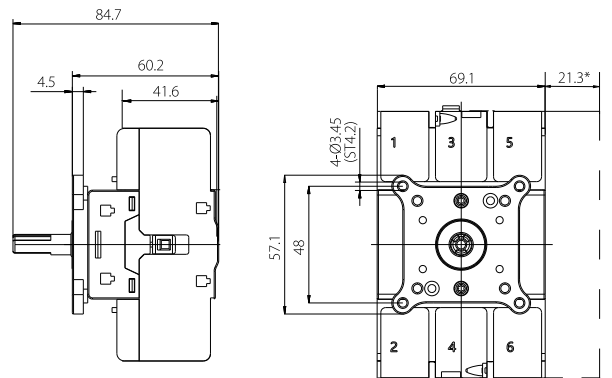
S3/00 3P & *4P



S3/00 3P & *4P



S3/0 3P & *4P

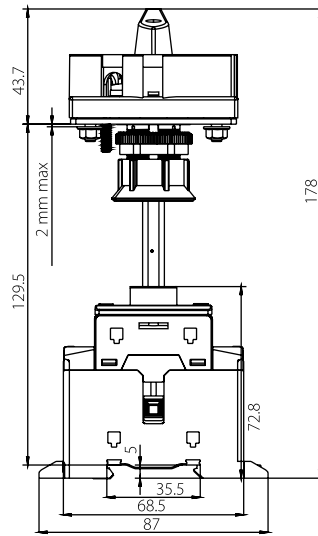
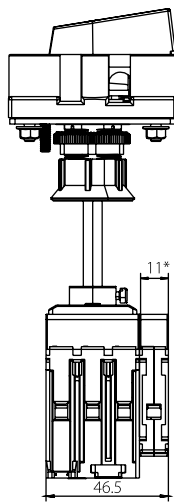


S3/0 3P & *4P

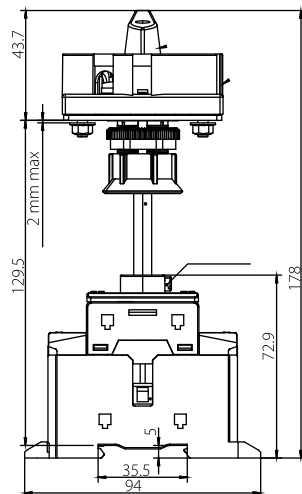
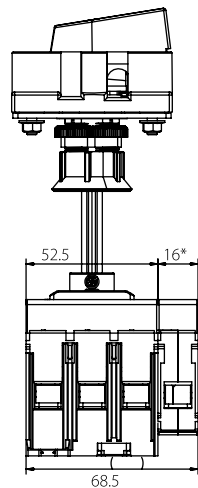
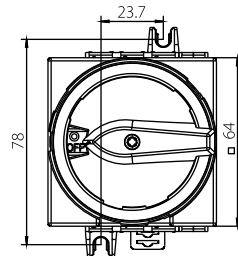


Dimensions

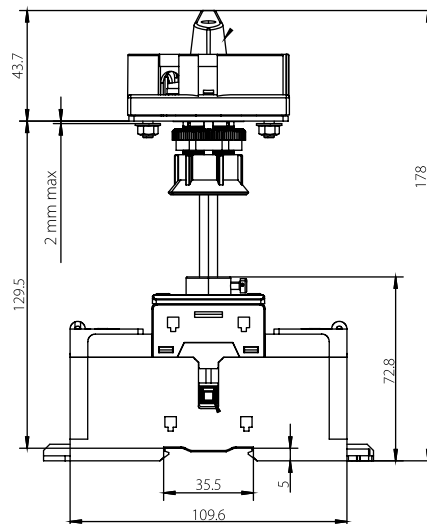
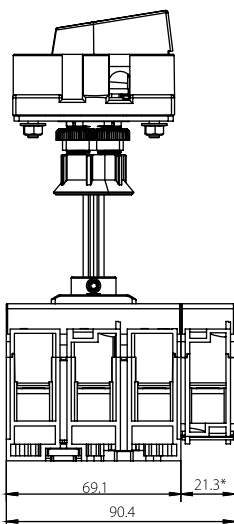
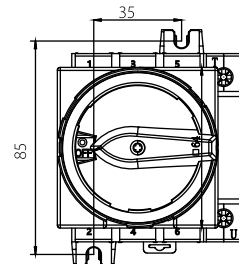
► DOOR INTERLOOK (DC)



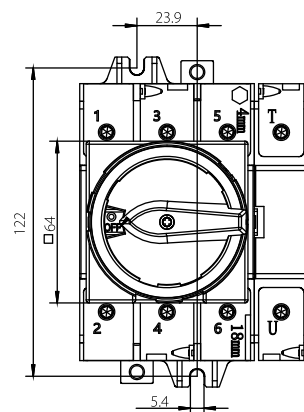
S3/000 3P & *4P



S3/00 3P & *4P



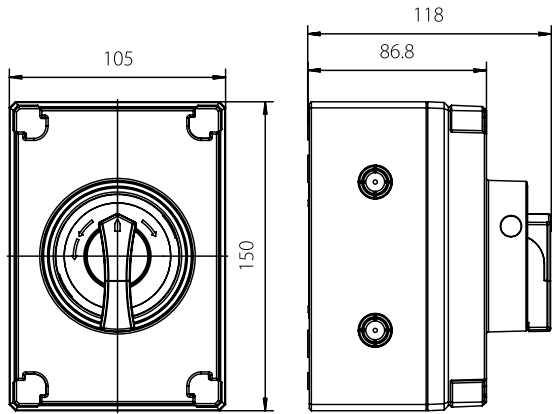
S3/0 3P & *4P



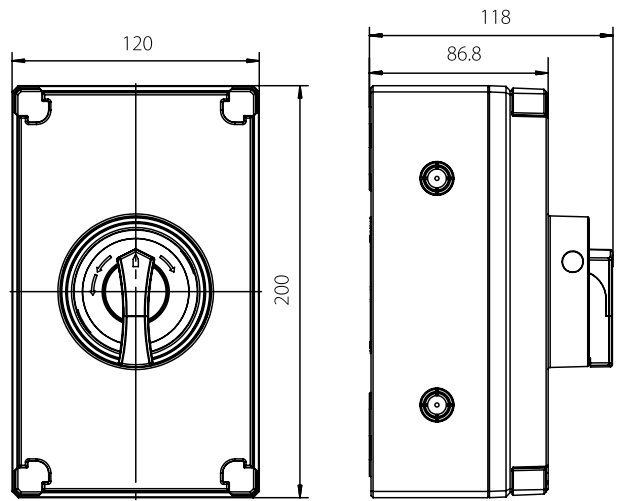


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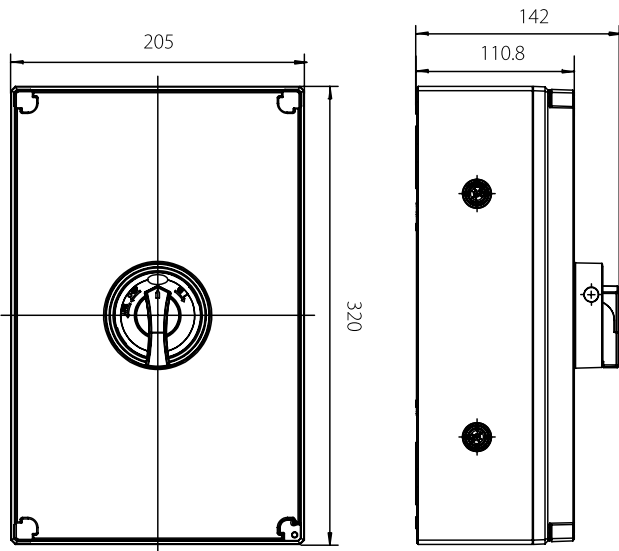
► ENCLOSED SOLUTIONS



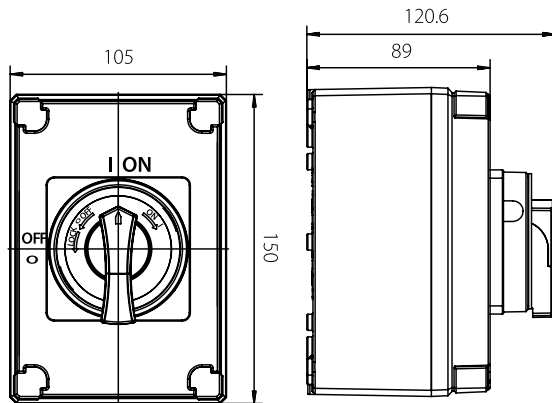
PLASTIC S3/000



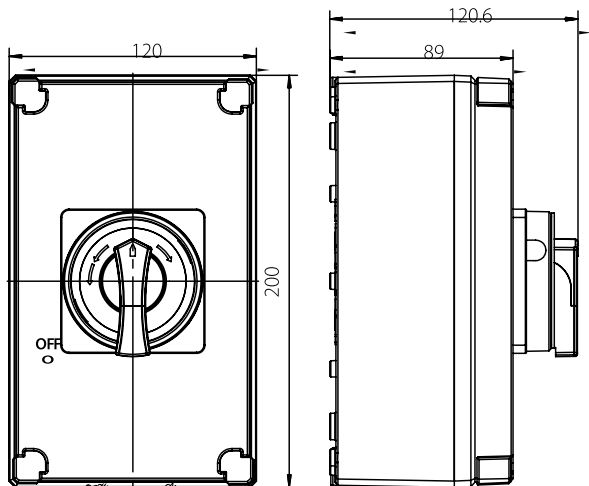
PLASTIC S3/00



PLASTIC S3/0



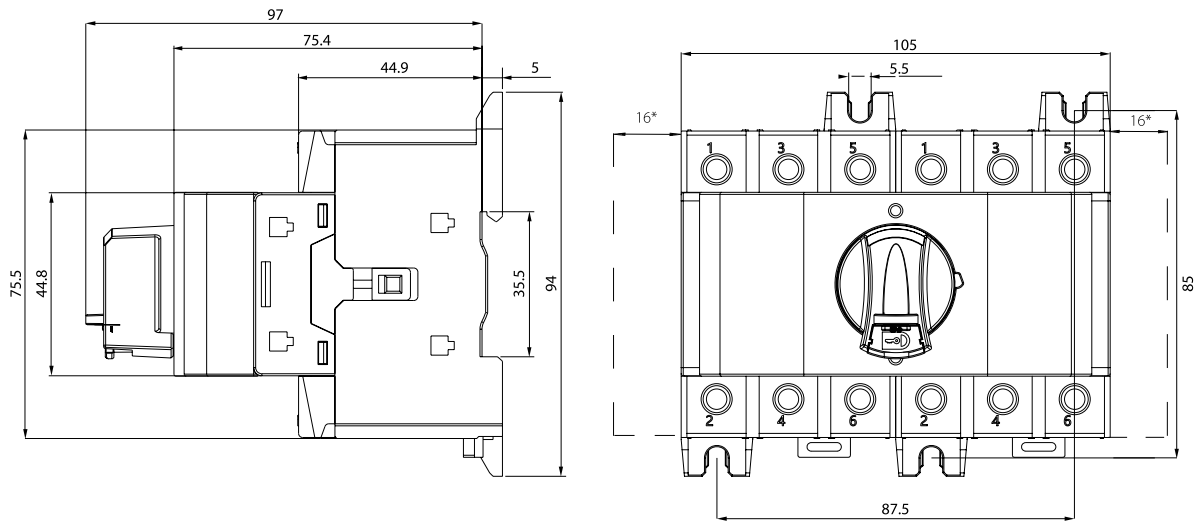
ALUMINIUM S3/000



ALUMINIUM S3/00

Dimensions

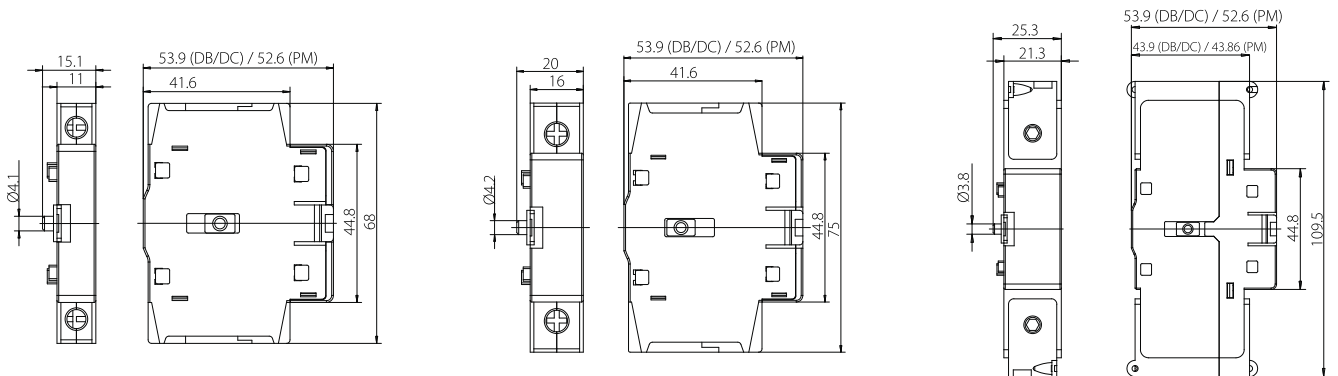
► MULTIPOLE AND CHANGEOVER SWITCH



S3M / S3S / S3L SIZE 00

► ADD ON POLE

DB / DC & PM MOUNTING



S3/000

S3/00

S3/0

► AUXILIARY CONTACT

