



GIOVENZANA
INTERNATIONAL B.V.



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REGOLUS SWITCH DISCONNECTORS
SE Series

EXECUTION OVERVIEW AND GENERAL CHARACTERISTICS

TECHNICAL CHARACTERISTICS

REGOLUS SWITCH DISCONNECTORS

The disconnectors Regolus Series, built to the most stringent European and international standards (IEC / EN 60947-3, UL508), meet all the safety requirements.

The long industrial experience combined with the use of the best materials, plant and most modern design tools, enables us to produce a range of high quality equipment placing Giovenzana as synonymous of reliability, operational reliability and durability of its products.

SE SERIES

The disconnectors modular SE Series from 2 to 4 poles, from 32A to 100A allows to install IP20 terminal protections and auxiliary contacts (SE16-SE32 only).

GENERAL CHARACTERISTICS

- Rated current from 32A to 100A
- Series modular with 4 poles
- Matching with auxiliary contacts

AVAILABLE VERSIONS

- Panel mounting Screw Fixing
- Panel mounting Ø22,5mm Central Hole Fixing (SE16-SE32 only)
- Base Mounting
- Door locking

COMPLY WITH RULES

- IEC/EN 60947-3, UL508.
- IEC/EN 60947-5-1, UL508 (auxiliary contacts).



Series			SE16 - SE32		SE63 - SE80 SE100			Auxiliary Contacts
Protection class	control terminals	EN 60529 (UL50 ♦) NEMA 4X EN 60529	IP65 (Type 1 - 4 - 4X) IP20		IP65 (Type 1 - 4 - 4X) IP20			- IP20
Material Group		EN 60947-1	II		II			II
Pollution class		EN 60947-1	3		3			3
Flammability		UL94	VO (Live Electric parts)		VO (Live Electric parts)			VO (Live Electric parts)
Ambient Temperature		°C	Operating: -25 +55		Operating: -25 +55			Operating: -25 +55
		°C	Storage: -30 +70		Storage: -30 +70			Storage: -30 +70
Climate Withstand		IEC 68 part 2-3	Constant Hot Damp		Constant Hot Damp			Constant Hot Damp
		IEC 68 part 2-30	Cyclical Hot Damp		Cyclical Hot Damp			Cyclical Hot Damp
Connections	Terminal Block Caliber	EN60947-1	A6		A8			A2
	Terminal Screw		M4		M5			M3,5
	Screwing Torque	EN60947-1	1,2 Nm		3 Nm			0,8 Nm
		UL508	7 lb. in. (0,8 Nm)		32,0 lb. in. (3,6 Nm)			12 lb. in.
Connectable Section	Flexible Conductors n°1 min/max	mm²	1,5 - 10		6 - 25			1 - 2,5
		AWG	16 - 8		10 - 2			18 - 12
	Solid Conductors n°1 min/max	mm²	1,5 - 10		10 - 35			1 - 2,5
		AWG	16 - 8		10 - 2			18 - 12
Contacts			Slow opening Double-Break		Slow opening Double-Break			Slow opening Double-Break Positive opening for NC ⚡
Opening Angles			90°		90°			-
Mechanical Lifetime		nr. of cycles	100.000		100.000			1.500.000
at 120 operations per hour								
Maximum Altitude	Until 2000 mt	Derating	Standard		Standard			-
	Over 2000 mt	Voltage Derating (V)	< 1% ogni 100 m		< 1% ogni 100 m			-
		Power Derating (A)	< 1% ogni 1000 m		< 1% ogni 1000 m			-
Certifications			SE 16	SE 32	SE 63	SE 80	SE 100	Auxiliary Contacts
CE	CE Mark - Europe		■	■	■	■	■	■
cUL	cUL Listed - USA and Canada		●	●	●	●	●	●
IMQ	Istituto Marchio Qualità (IMQ) - Italy		●	●	●	●		●
CCC	CCC China		●	●	●	●		●
EAC	EAC Russia		●	●	●	●		●

EN 60947-3 CHARACTERISTICS		SE16	SE32	SE63	SE80	SE100	AUXILIARY CONTACTS
Rated operating voltage Ue	V	690*	690*	690	690	690	690
Rated insulation voltage Ui	V	690*	690*	690	690	690	690
Rated impulse withstand voltage Uimp (sectionable)	kV	4*	4*	8	8	8	4
Rated thermal current Ith	A	(30*) 32	40*	63*	86*	100	16
Rated thermal current in enclosed Ithe	A	(30*) 32	40*	63*	86*	86	10
Frequency	Hz	50	50	50	50	50	50/60

RATED OPERATING CURRENT Ie: alternate current		SE16	SE32	SE63	SE80	SE100	AUXILIARY CONTACTS
AC-21A Switching resistive loads with light overloads	690V A	(30*) 32	(32*) 40	63*	80*	100	AC-15 240V - 5A
AC-22A Switching mixed resistive and inductive loads at light overloads	500V A	-	-	-	-	100	DC-13
AC-23A Periodic switching of motors 3 phases - 3 poles	690V A	(20*) 25	32*	63*	80*	86	250V - 0,44A
	230V A/kW	25/7,5	32/10	50/15	63/18,5	70/22	-
	400V A/kW	25/15	32/18,5	50/30	60/33	67/37	-
	500V A/kW	25/15	32/22	50/37	60/40	67/45	-
	690V A/kW	(16*)20/18,5	25*/22	32/30	35/33	38/37	-
AC3 Starting of cage motors (interruption hile running) 3 phases - 3 poles	230V A/kW	22/7,5	30/9	40/11	50/15	60/18,5	-
	400V A/kW	22/11	30/15	40/22	50/25	55/30	-
	500V A/kW	22/11	30/18,5	40/30	50/33	55/37	-
	690V A/kW	(12*)22/11	(20*)22/18,5	25/22	27/25	32/30	-
Nominal interruption power AC-23A (cosfi 0,45)	230V A	200	256	400	504	560	-
	400V A	200	256	400	480	536	-
	500V A	200	256	400	480	536	-
	690V A	160	200	256	280	304	-

SHORT CIRCUIT CHARACTERISTICS		SE16	SE32	SE63	SE80	SE100	AUXILIARY CONTACTS
Rated short-time short circuit withstand current Icw (1 s)	A	400*	400*	1500	1500	1500	-
Rated short circuit making capacity Icm	A	1500*	1500*	2840	2840	2840	-
Conditional rated short circuit withstand current	kA	10*	10*	10*	10*	10	1
Fuse rating gG	500V A	-	-	-	-	100	10
	690V A	40*	40*	(80*)63	(80*)	-	-

UL 508 CHARACTERISTICS		SE16	SE32	SE63	SE80	SE100	CONTATTI AUSILIARI
General Use	600V AC A	32	40	63	80	100	HD A600 AC Q600 DC
Standard motor load	120V AC HP (FLA)	1,5 (20)	2 (24)	3 (34)	3 (34)	3 (34)	-
single phase - 2 poles	200-208V AC HP	2	3	-	-	-	-
	240V AC HP (FLA)	3 (17)	5 (28)	7,5 (40)	7,5 (40)	10 (50)	-
Standard motor load	200-208V AC HP	7,5	10	-	-	-	-
3 phases - 3 poles	240V AC HP (FLA)	7,5 (22)	10 (28)	10 (28)	10 (28)	10 (28)	-
	480V AC HP (FLA)	10 (14)	15 (21)	20 (27)	25 (34)	25 (34)	-
	600V AC HP (FLA)	15 (17)	20 (22)	25 (27)	30 (32)	30 (32)	-



PANEL MOUNTING

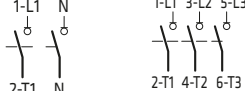
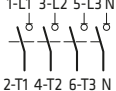
Dimensions and details of fixing holes

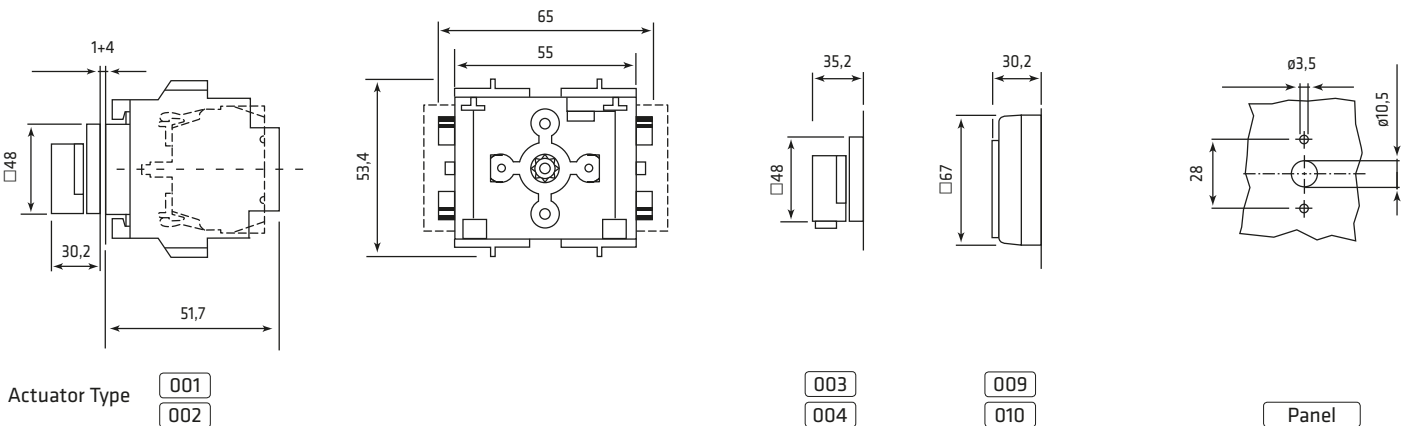
TYPE R



- Screw fixing.
- See page 68 for combinable actuators.

SERIES	AC-21A	AC-23A	CODE		
	AMP. 690V	AMP. 400V	2 POLES	3 POLES	4 POLES
SE16	32	25	SE1610F2R	SE163003R	SE163004R
SE32	40	32	SE3210F2R	SE323003R	SE323004R

2 POLES	3 POLES	4 POLES
		
1-L1 N 2-T1 N	1-L1 3-L2 5-L3 2-T1 4-T2 6-T3	1-L1 3-L2 5-L3 N 2-T1 4-T2 6-T3 N

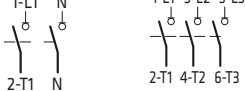
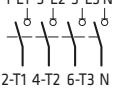


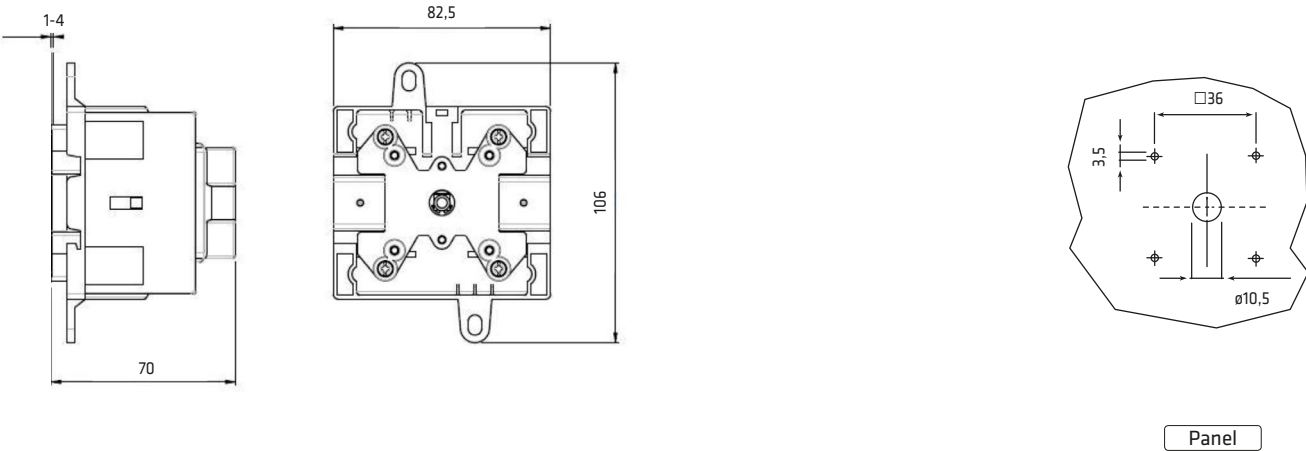
TYPE R



- Screw fixing.
- See page 70 for combinable actuators.

SERIES	AC-21A	AC-23A	CODE		
	AMP. 690V	AMP. 400V	2 POLES	3 POLES	4 POLES
SE63	63	50	SE630002R	SE630003R	SE630004R
SE80	80	60	SE800002R	SE800003R	SE800004R
SE100	100	67	SE1000002R	SE1000003R	SE1000004R

2 POLES	3 POLES	4 POLES
		
1-L1 N 2-T1 N	1-L1 3-L2 5-L3 2-T1 4-T2 6-T3	1-L1 3-L2 5-L3 N 2-T1 4-T2 6-T3 N

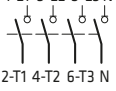


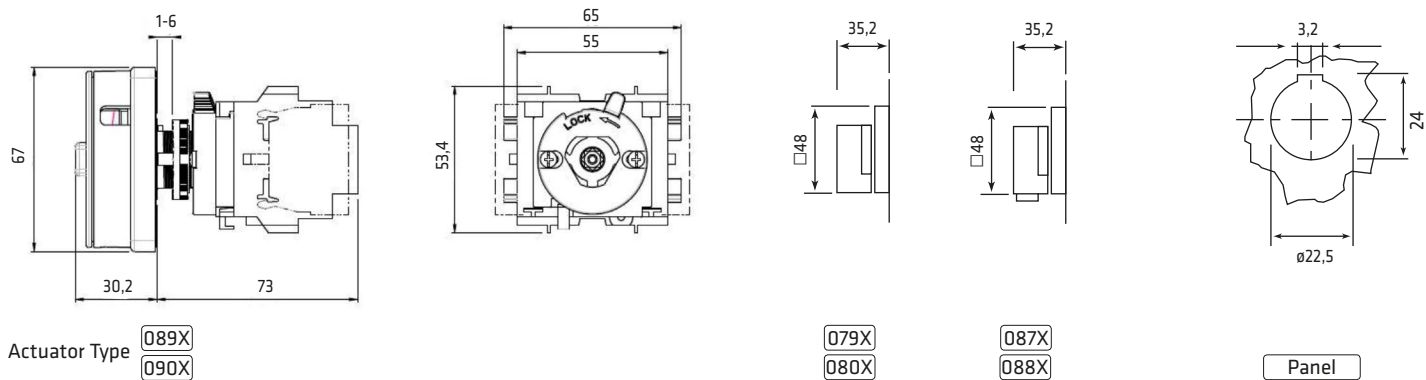
TYPE X



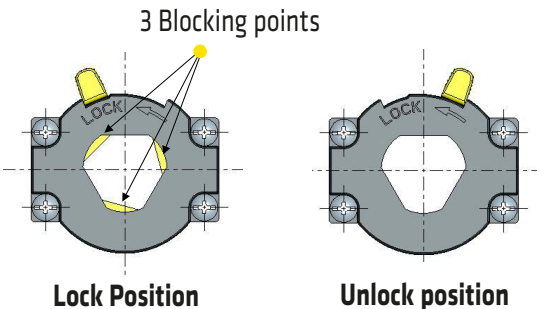
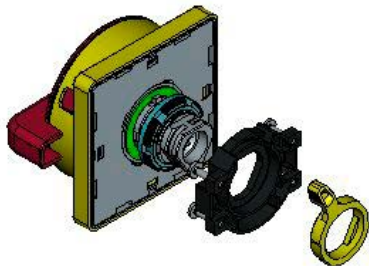
- Central fixing hole $\varnothing 22,5$ mm.
- See page 72 for combinable actuators.

SERIES	AC-21A	AC-23A	CODE		
	AMP. 690V	AMP. 400V	2 POLES	3 POLES	4 POLES
SE16	32	25	SE1610F2X	SE163003X	SE163004X
SE32	40	32	SE3210F2X	SE323003X	SE323004X

2 POLES	3 POLES	4 POLES
		
1-L1 N 2-T1 N	1-L1 3-L2 5-L3 2-T1 4-T2 6-T3	1-L1 3-L2 5-L3 N 2-T1 4-T2 6-T3 N



New Support D.22
for Regolus
switch disconnectors





BASE MOUNTING

Dimensions and details of fixing holes

TYPE B

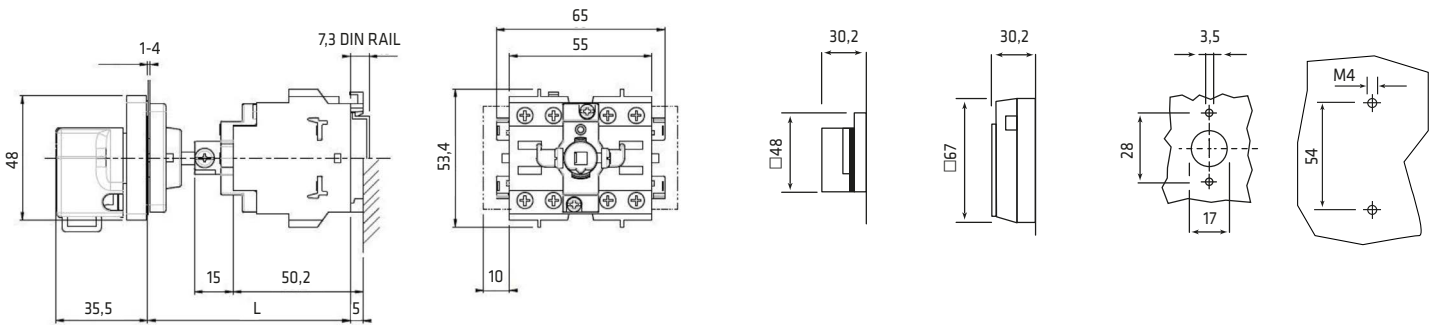


- Fixing box DIN RAIL DIN-EN 50022-35.
- Suitable for Door locking actuators.
- See page 69 and 73 for combinable actuators.

SERIES	AC-21A	AC-23A	CODE		
	AMP. 690V	AMP. 400V	2 POLES	3 POLES	4 POLES
SE16	32	25	SE1610F2B	SE163003B	SE163004B
SE32	40	32	SE3210F2B	SE323003B	SE323004B

	2 POLES	3 POLES	4 POLES
	1-L1 N 2-T1 N	1-L1 3-L2 5-L3 2-T1 4-T2 6-T3	1-L1 3-L2 5-L3 N 2-T1 4-T2 6-T3 N

	STANDARD SHAFT	EXTENSION SHAFT □5 CODE 20401089
L min	80	80 (with cut shaft)
L max	120	220



Actuator Type
005
006

020
030

011
012

Panel

Box

TYPE B

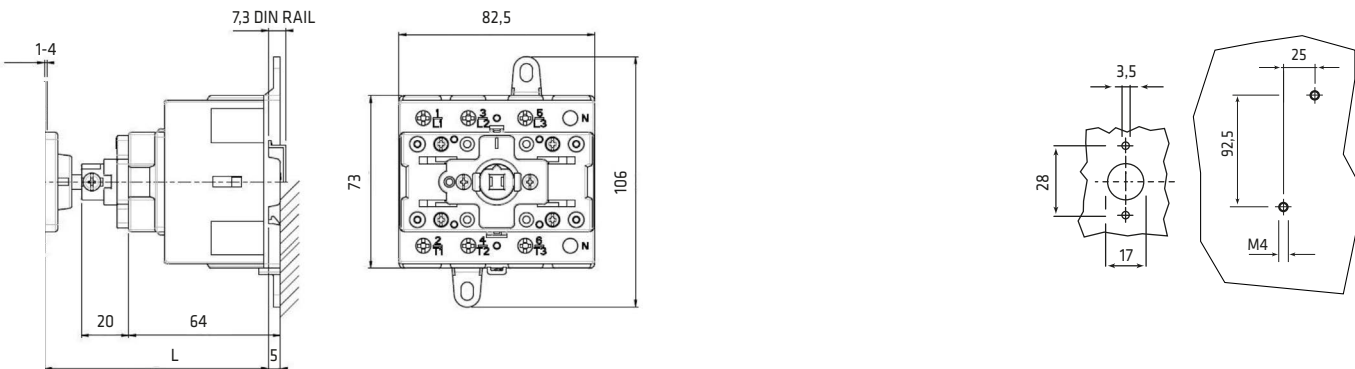


- Fixing box DIN RAIL DIN-EN 50022-35.
- Suitable for Door locking actuators.
- See page 71 for combinable actuators.

SERIES	AC-21A	AC-23A	CODE		
	AMP. 690V	AMP. 400V	2 POLES	3 POLES	4 POLES
SE63	63	50	SE630002B	SE630003B	SE630004B
SE80	80	60	SE800002B	SE800003B	SE800004B
SE100	100	67	SE1000002B	SE1000003B	SE1000004B

	2 POLES	3 POLES	4 POLES
	1-L1 N 2-T1 N	1-L1 3-L2 5-L3 2-T1 4-T2 6-T3	1-L1 3-L2 5-L3 N 2-T1 4-T2 6-T3 N

	STANDARD SHAFT	EXTENSION SHAFT □6 CODE 20900010
L min	98	98 (with cut shaft)
L max	128	228



Panel

Box



BODIES | REGOLUS SWITCH DISCONNECTORS

SE Series | Switch Disconnectors with Fuse-Holders

SWITCH DISCONNECTORS WITH FUSE-HOLDERS | BASE MOUNTING

Dimensions and details of fixing holes

TYPE B Box

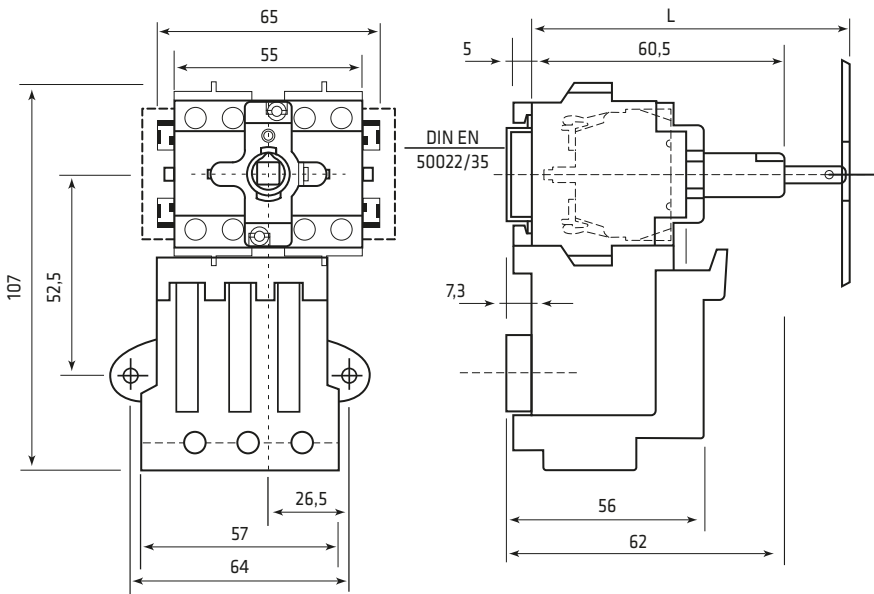


- Fixing box DIN RAIL DIN-EN 50022-35.
- Suitable for Door locking actuators.
- Sectionable fuses-holders.
- For cylindrical fuses 10,3x38 mm UL.

SERIE	AC-21A	UL USO GEN.	CODE		
	AMP. 690V	AMP. 600V	2 POLES	3 POLES	4 POLES
FS20	25	20	FS2010F2B	FS203003B	FS203004B
FS30	32	30	FS3010F2B	FS303003B	FS303004B

2 POLES	3 POLES	4 POLES

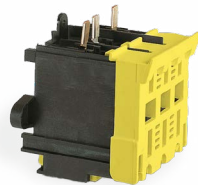
	STANDARD SHAFT	EXTENSION SHAFT □5 CODE 20401089
L min	80	80 (with cut shaft)
L max	120	220



FUSE-HOLDERS

Dimensions and details of fixing holes

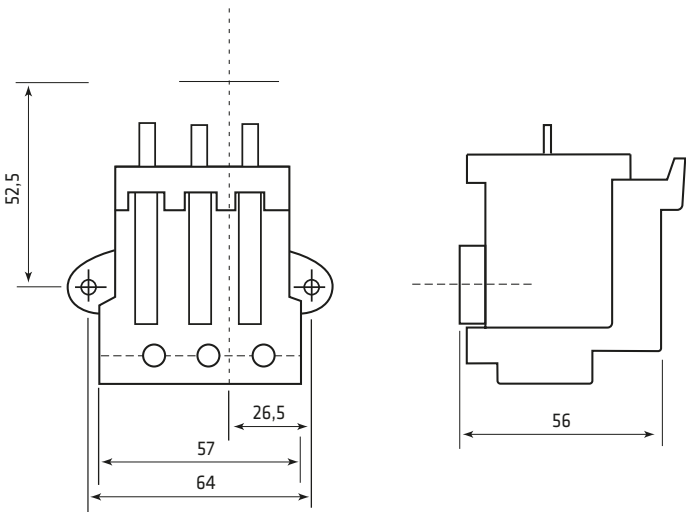
For TYPE B Box



- For disconnectors SE16-SE32 Series, 2-3-4 poles, Base mounting Type B Box.
- For cylindrical fuses 10,3x38 mm UL max 32A.
- IP20 Terminal protection.

CODE
3 POLES
TF323

3 POLES





BOX FIXING PLATE



SE16 - SE32

11814005

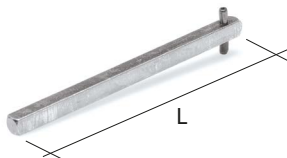
BOX SHAFT BF1/1NGO



SE16 - SE32

11706237

SHAFT EXTENSION FOR DOOR INTERLOCK



	□5	□6
	SE16 - SE32	SE63 - SE80 SE100
L 185 mm	20401089	20900010
L 300 mm	20401164	20900011

TERMINAL PROTECTION


2 pieces

SE63 - SE80 - SE100 / 4 poles Box & Psnel Mounting

20900003

AUXILIARY CONTACTS



SE16 - SE32	
CODE	DIAGRAM
PL004001	1NC 1 — 2
PL004002	1NO 3 — 4

AUXILIARY CONTACTS FIXING PLATE



SE16 - SE32

11814021

The sale of these two accessories is matched for the correct use of the product.

THERMOPLASTIC ENCLOSURES		
	BF1/1NGO	
	THERMOPLASTIC BOX	
	IP65 □	
For bodies Base Mounting type B. Arranged for nr. 8 Pg16 - M20 cable glands. Dimensions: 120x100x85 mm. Black box - Grey cover.		
		Order also: Shaft > 11706237 Plate support > 11814005
	BF1/2NGO	
	THERMOPLASTIC BOX	
	IP65 □	
For bodies Panel Mounting type R. Arranged for nr. 8 Pg16 - M20 cable glands. Dimensions: 120x100x85 mm. Black box - Grey cover.		
	BN1/ONGO	
	THERMOPLASTIC BOX COVER WITHOUT HOLES	
	IP65 □	
For bodies Panel Mounting type R. Arranged for nr. 8 Pg16 - M20 cable glands. Dimensions: 120x100x85 mm. Black box - Grey cover.		
METAL ENCLOSURES		
	BNA/ONGA	
	METAL BOX COVER WITHOUT HOLES	
	IP65 □	
For bodies Panel Mounting type R and Base Mounting type B. Complete with nr. 2 M20 and nr. 2 M25 cable glands plugs. Dimensions: 105x140x85 mm. Black box - Grey cover.		


ACTUATORS | PANEL MOUNTING TYPE R | SCREW FIXING
ACTUATORS | DOOR LOCKING TYPE B | SCREW FIXING
SE16 - SE32 SERIES | EN 60529 - IP65 - UL50 Type 1 - 4 - 4x -12 [◆] Protection NEMA 4x.


- Grey Plate
- Black knob

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE
SE16 - SE32	□48	001/0001	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SE16 - SE32	□48	020/0001	



- Grey Plate
- Black knob
- Locking Facility (Max 1 lock)

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE
SE16 - SE32	□48	003/0001 ◆	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SE16 - SE32	□48	005/0001 ◆	



- Grey Plate
- Black knob
- Locking Facility (Max 3 locks)

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE
SE16 - SE32	□67	009/0001 ◆	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SE16 - SE32	□67	011/0001 ◆	



- Yellow Plate
- Red knob

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE
SE16 - SE32	□48	002/0001	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SE16 - SE32	□48	030/0001	



- Yellow Plate
- Red knob
- Locking Facility (Max 1 lock)

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE
SE16 - SE32	□48	004/0001 ◆	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SE16 - SE32	□48	006/0001 ◆	



- Yellow Plate
- Red knob
- Locking Facility (Max 3 locks)

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE
SE16 - SE32	□67	010/0001 ◆	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SE16 - SE32	□67	012/0001 ◆	

▶ The actuator for DOOR LOCKING TYPE B includes the shaft □ 5 L85.



ACTUATORS | PANEL MOUNTING TYPE R | SCREW FIXING

ACTUATORS | DOOR LOCKING TYPE B | SCREW FIXING

SE63 - SE80 - SE100 SERIES | EN 60529 - IP65 - UL50 Type 1 - 4 - 4x -12 (♦) Protection NEMA 4x.

 ➤ Grey Plate ➤ Black knob ➤ Locking Facility (Max 3 locks)	SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE
	SE63 - SE80 SE100	□67	049/0001-L ♦	
 ➤ Yellow Plate ➤ Red knob ➤ Locking Facility (Max 3 locks)	SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE
	SE63 - SE80 SE100	□67	050/0001-L ♦	

	SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
	SE63 - SE80 SE100	□67	321/0001	
	SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
	SE63 - SE80 SE100	□67	322/0001	

► The actuator for DOOR LOCKING TYPE B includes the shaft □ 6 L85.



ACTUATORS Ø22 | PANEL MOUNTING TYPE X | CENTRAL FIXING

ACTUATORS Ø22 | PANEL MOUNTING TYPE B | CENTRAL FIXING

SE16 - SE32 SERIES | EN 60529 - IP65 - UL50 Type 1 - 4 - 4x -12 (◆) Protection NEMA 4x.



- ➔ Grey Plate
- ➔ Black knob

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE X	LEGEND PLATE
SE16 - SE32	□48	079X/0001	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SE16 - SE32	□48	095/0001	



- ➔ Grey Plate
- ➔ Black knob
- ➔ Locking Facility
(Max 1 lock)

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE X	LEGEND PLATE
SE16 - SE32	□48	087X/0001 ◆	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SE16 - SE32	□48	077/0001 ◆	



- ➔ Grey Plate
- ➔ Black knob
- ➔ Locking Facility
(Max 3 locks)

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE X	LEGEND PLATE
SE16 - SE32	□67	089X/0001 ◆	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SE16 - SE32	□67	063/0001 ◆	



- ➔ Yellow Plate
- ➔ Red knob

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE X	LEGEND PLATE
SE16 - SE32	□48	080X/0001	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SE16 - SE32	□48	070/0001	



- ➔ Yellow Plate
- ➔ Red knob
- ➔ Locking Facility
(Max 1 lock)

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE X	LEGEND PLATE
SE16 - SE32	□48	088X/0001 ◆	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SE16 - SE32	□48	069/0001 ◆	



- ➔ Yellow Plate
- ➔ Red knob
- ➔ Locking Facility
(Max 3 locks)

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE X	LEGEND PLATE
SE16 - SE32	□67	090X/0001 ◆	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SE16 - SE32	□67	064/0001 ◆	

► The actuator for DOOR LOCKING TYPE B includes the shaft □ 5 L85.



COMPLETE DEVICES IN THERMOPLASTIC ENCLOSURE

SE Series | THERMOPLASTIC | Heat resistant material

C01

IP65



- Opening in "0" position.
- Arranged for nr. 8 Pg16 cable glands of which nr. 2 on the bottom.
- **Dimensions:** 120x100x85 mm.
- Black box - Grey cover - Black knob.

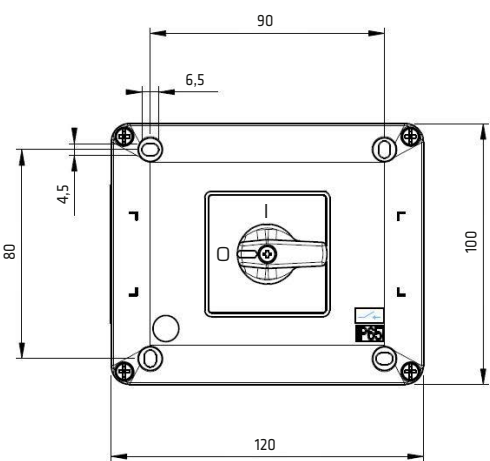
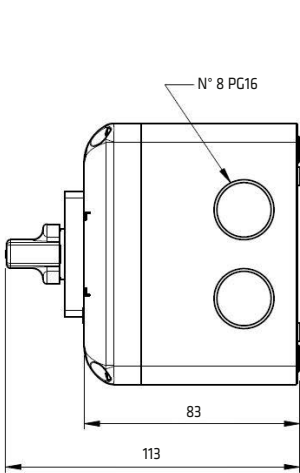
SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	4 POLES
SE16	32	25	SE160003BC01	SE160004BC01
SE32	40	32	SE320003BC01	SE320004BC01

3 POLES

1-L1 3-L2 5-L3
2-T1 4-T2 6-T3

4 POLES

1-L1 3-L2 5-L3 N
2-T1 4-T2 6-T3 N



E01

IP65



- Opening in "0" position.
- Arranged for nr. 4 cable glands M25/M32 + nr. 2 closed holes ø22,5 mm on the bottom.
- **Dimensions:** 130x180x106 mm.
- Black box - Grey cover - Black knob.

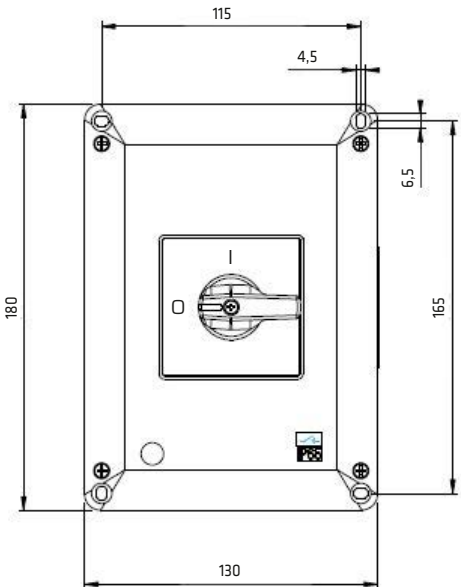
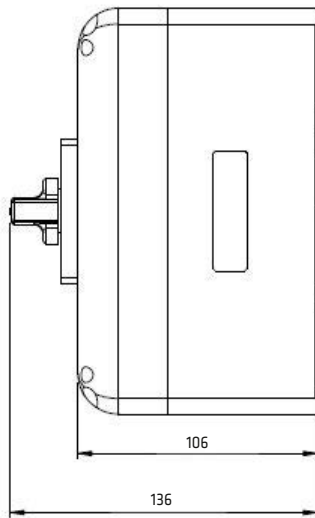
SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	4 POLES
SE63	63	50	SE630003BE01	SE630004BE01
SE80	80	60	SE800003BE01	SE800004BE01

3 POLES

1-L1 3-L2 5-L3
2-T1 4-T2 6-T3

4 POLES

1-L1 3-L2 5-L3 N
2-T1 4-T2 6-T3 N



C09

IP65



- Opening in "0" position.
- Arranged for nr. 8 Pg16 cable glands of which nr. 2 on the bottom.
- With locking facility in "0 - OFF" (Max 3 locks)
- **Dimensions:** 120x100x85 mm.
- Black box - Grey cover - Black knob.

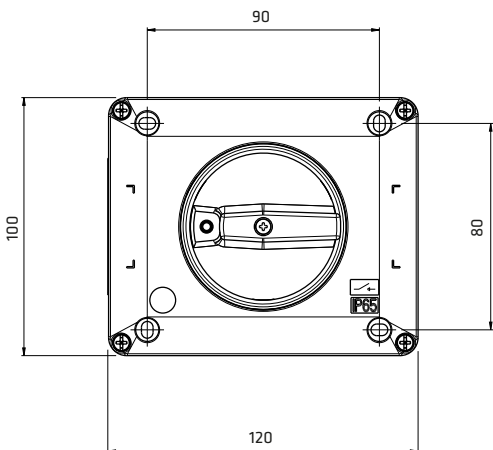
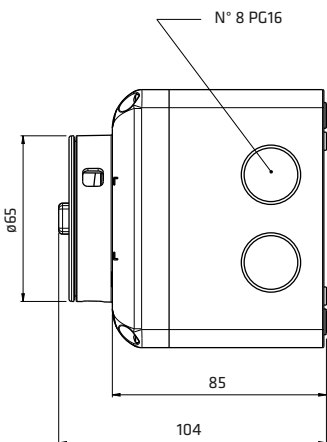
SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	4 POLES
SE16	32	25	SE160003BC09	SE160004BC09
SE32	40	32	SE320003BC09	SE320004BC09

3 POLES

1-L1 3-L2 5-L3
2-T1 4-T2 6-T3

4 POLES

1-L1 3-L2 5-L3 N
2-T1 4-T2 6-T3 N





COMPLETE DEVICES IN THERMOPLASTIC ENCLOSURE

SE Series | THERMOPLASTIC | Heat resistant material

C10

IP65

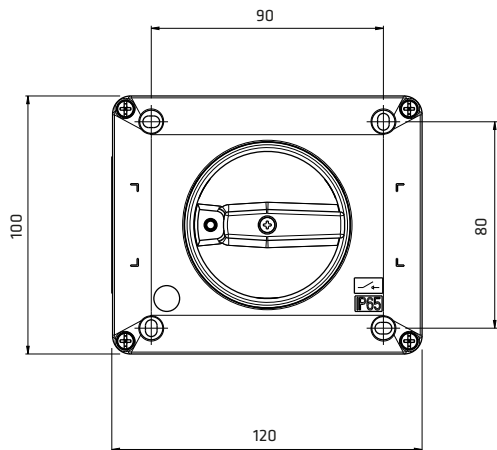
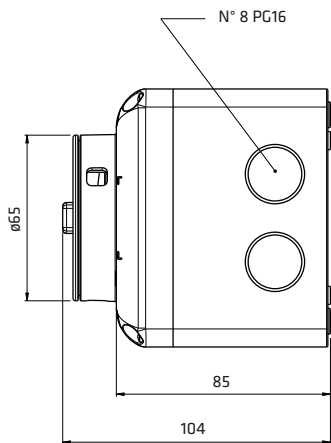


- Opening in "0" position.
- Arranged for nr. 8 Pg16 cable glands of which nr. 2 on the bottom.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 120x100x85 mm.
- Black box - Yellow cover - Red knob.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	4 POLES
SE16	32	25	SE160003BC10	SE160004BC10
SE32	40	32	SE320003BC10	SE320004BC10

3 POLES
1-L1 3-L2 5-L3
2-T1 4-T2 6-T3

4 POLES
1-L1 3-L2 5-L3 N
2-T1 4-T2 6-T3 N



E09

IP65

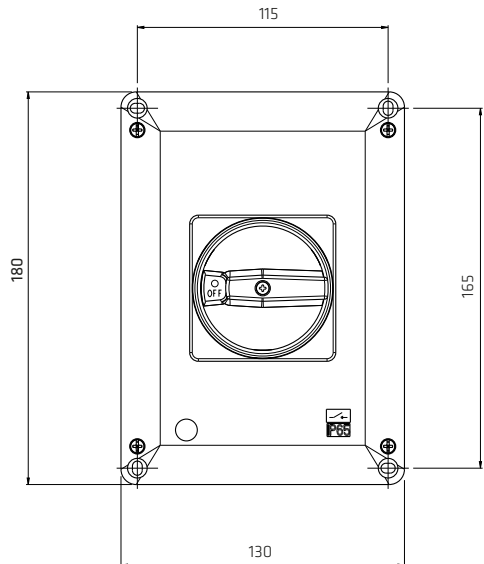
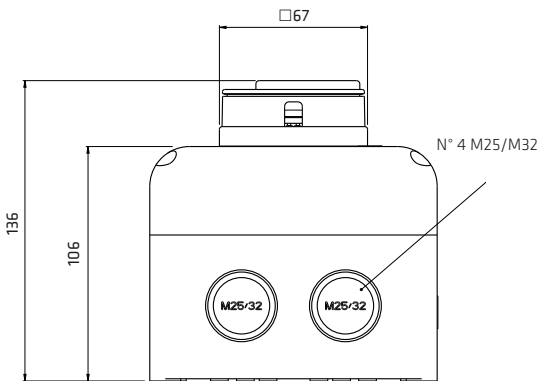


- Opening in "0" position.
- Arranged with nr. 4 cable glands M25/M32 + nr. 2 closed holes ø22,5 mm on the bottom.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 130x180x106 mm.
- Black box - Grey cover - Black knob.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	4 POLES
SE63	63	50	SE630003BE09	SE630004BE09
SE80	80	60	SE800003BE09	SE800004BE09

3 POLES
1-L1 3-L2 5-L3
2-T1 4-T2 6-T3

4 POLES
1-L1 3-L2 5-L3 N
2-T1 4-T2 6-T3 N



E10

IP65

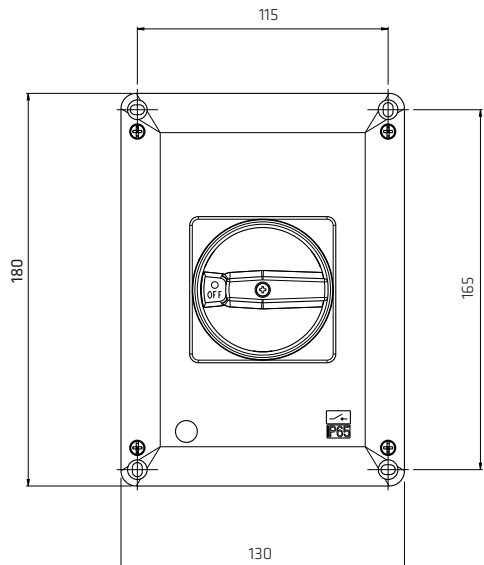
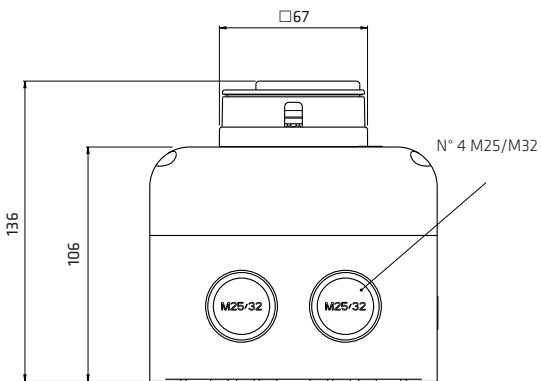


- Opening in "0" position.
- Arranged with nr. 4 cable glands M25/M32 + nr. 2 closed holes ø22,5 mm on the bottom.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 130x180x106 mm.
- Black box - Yellow cover - Red knob.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	4 POLES
SE63	63	50	SE630003BE10	SE630004BE10
SE80	80	60	SE800003BE10	SE800004BE10

3 POLES
1-L1 3-L2 5-L3
2-T1 4-T2 6-T3

4 POLES
1-L1 3-L2 5-L3 N
2-T1 4-T2 6-T3 N





COMPLETE DEVICES IN THERMOPLASTIC ENCLOSURE

SE Series | THERMOPLASTIC | Heat resistant material

C41

IP65

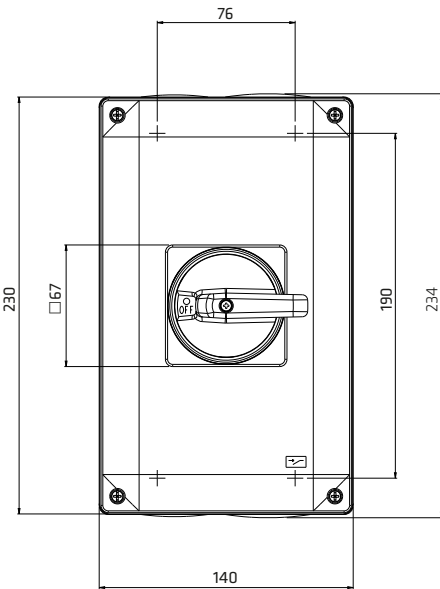
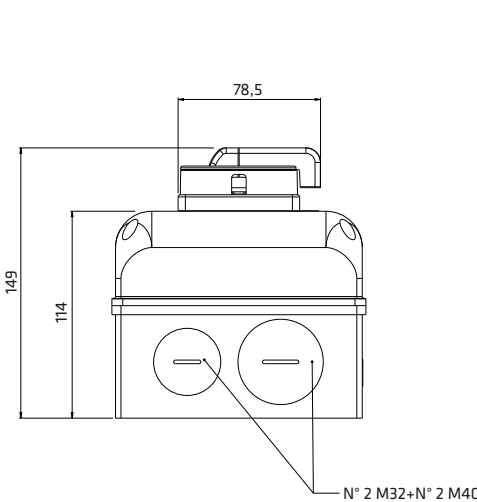


- Opening in "0" position.
- Complete with nr. 2 M32 and nr. 2 M40 cable glands plugs.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 140x230x114 mm
- Black box - Yellow cover - Red knob.
- UL Approval.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	4 POLES
SE63	63	50	SE630003BC41	SE630004BC41
SE80	80	60	SE800003BC41	SE800004BC41
SE100	100	67	SE1000003BC41	SE1000004BC41

3 POLES
1-L1 3-L2 5-L3
2-T1 4-T2 6-T3

4 POLES
1-L1 3-L2 5-L3 N
2-T1 4-T2 6-T3 N



C42

IP65

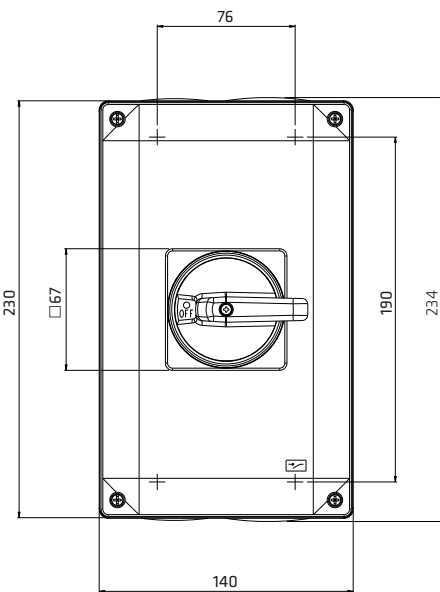
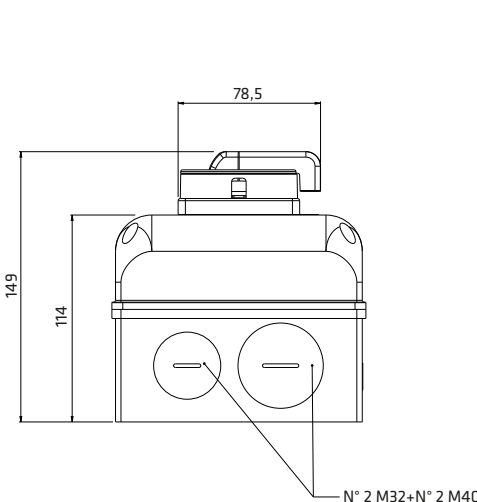


- Opening in "0" position.
- Complete with nr. 2 M32 and nr. 2 M40 cable glands plugs.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 140x230x114 mm.
- Black box - Grey cover - Black knob.
- UL Approval.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	4 POLES
SE63	63	50	SE630003BC42	SE630004BC42
SE80	80	60	SE800003BC42	SE800004BC42
SE100	100	67	SE1000003BC42	SE1000004BC42

3 POLES
1-L1 3-L2 5-L3
2-T1 4-T2 6-T3

4 POLES
1-L1 3-L2 5-L3 N
2-T1 4-T2 6-T3 N




COMPLETE DEVICES IN METAL ENCLOSURES
SE Series | METAL | Zn & Al
A09

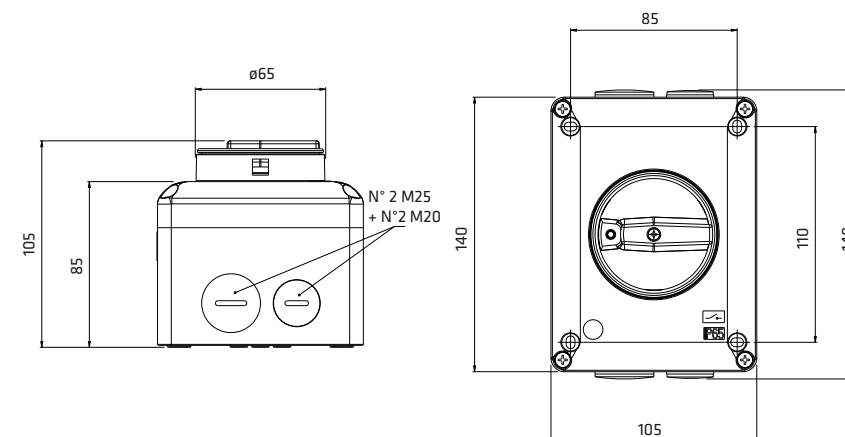
IP65 □



- Opening in "0" position.
- Complete with nr. 2 M20 + nr. 2 M25 cable glands plugs.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 105x140x85 mm.
- Black box - Grey cover - Black knob.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	4 POLES
SE16	32	25	SE160003BA09	SE160004BA09
SE32	40	32	SE320003BA09	SE320004BA09

3 POLES	4 POLES


A10

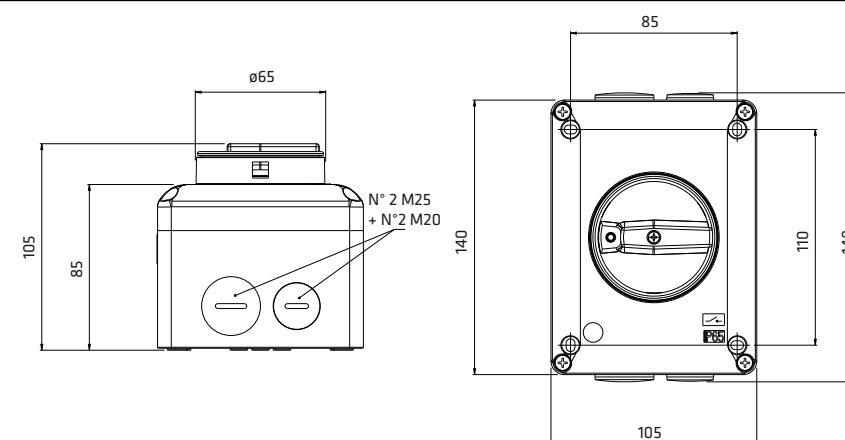
IP65 □



- Opening in "0" position.
- Complete with nr. 2 M20 + nr. 2 M25 cable glands plugs.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 105x140x85 mm.
- Black box - Yellow cover - Red knob.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	4 POLES
SE16	32	25	SE160003BA10	SE160004BA10
SE32	40	32	SE320003BA10	SE320004BA10

3 POLES	4 POLES


AB9

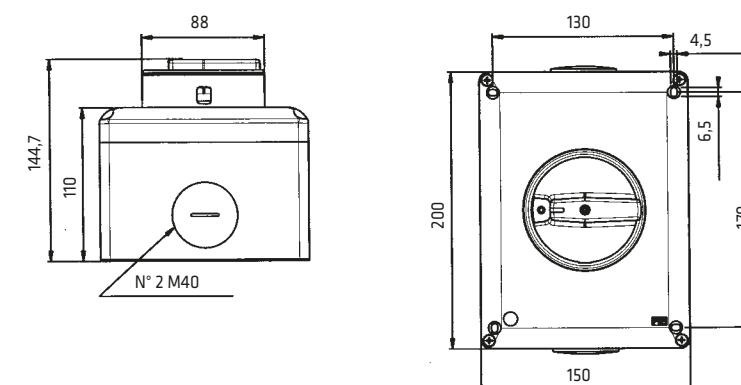
IP65 □



- Opening in "0" position.
- Complete with nr. 2 M40 cable glands plugs.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 150x200x110 mm.
- Black box - Grey cover - Black knob.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	4 POLES
SE63	63	50	SE630003BAB9	SE630004BAB9
SE80	80	60	SE800003BAB9	SE800004BAB9
SE100	100	67	SE100003BAB9	SE100004BAB9

3 POLES	4 POLES


AB0

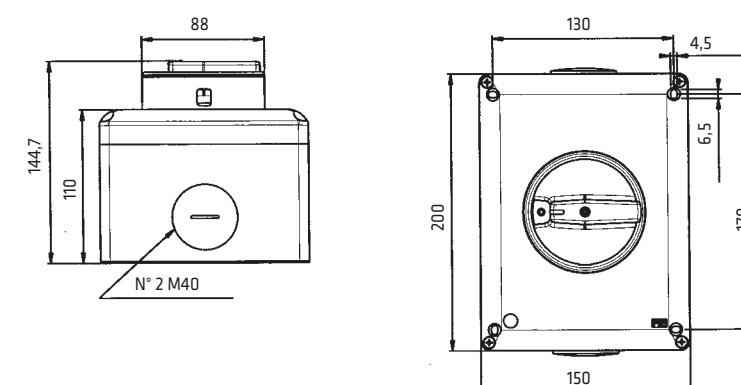
IP65 □



- Opening in "0" position.
- Complete with nr. 2 M40 cable glands plugs.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 150x200x110 mm.
- Black box - Yellow cover - Red knob.

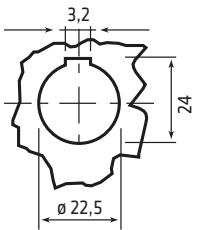
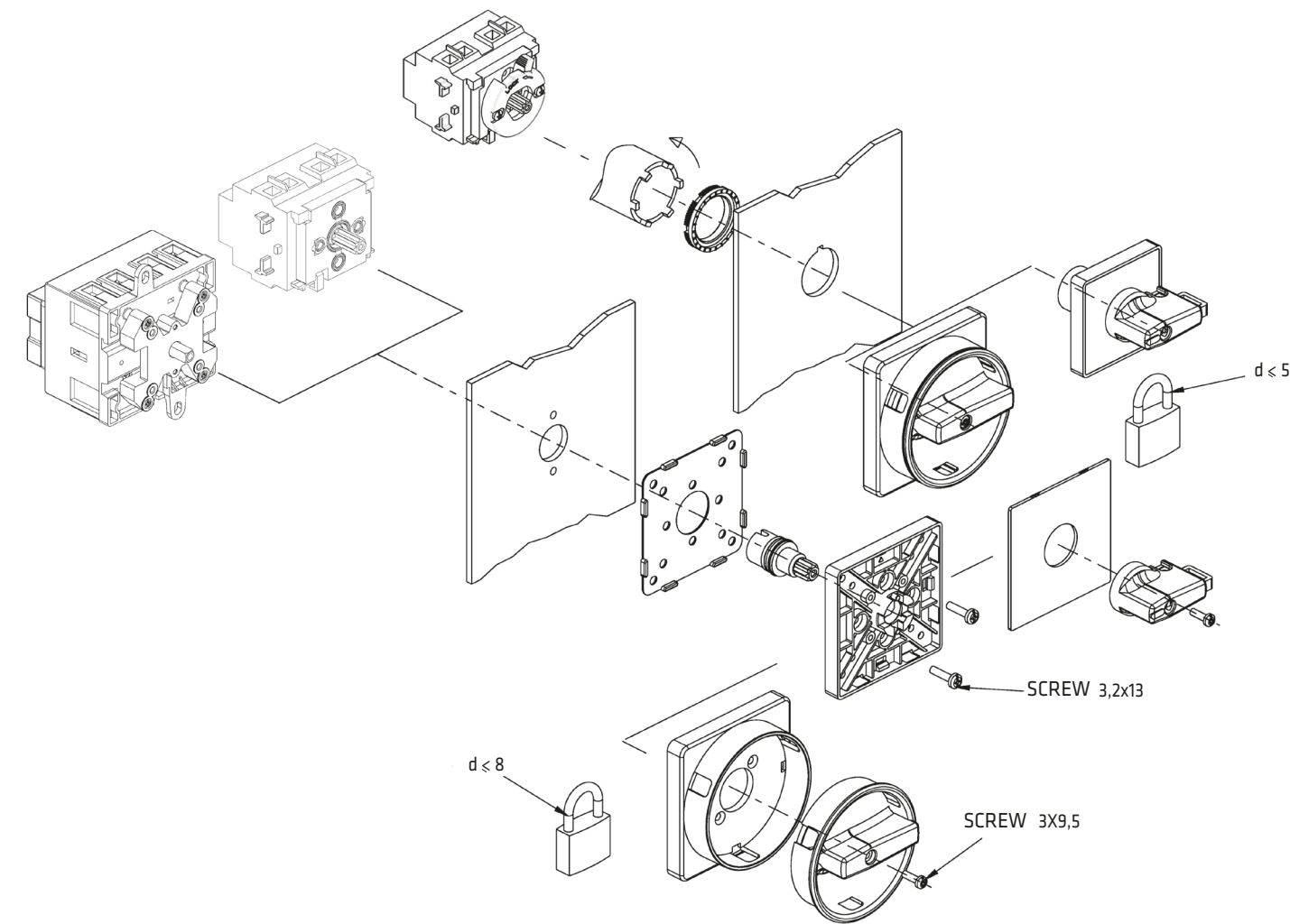
SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	4 POLES
SE63	63	50	SE630003BAB0	SE630004BAB0
SE80	80	60	SE800003BAB0	SE800004BAB0
SE100	100	67	SE100003BAB0	SE100004BAB0

3 POLES	4 POLES

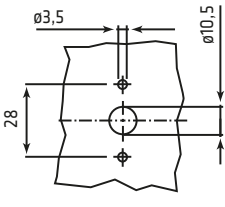




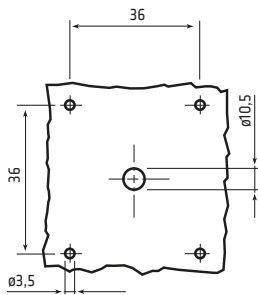
PANEL MOUNTING



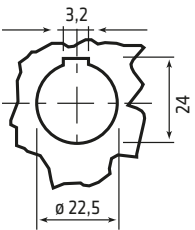
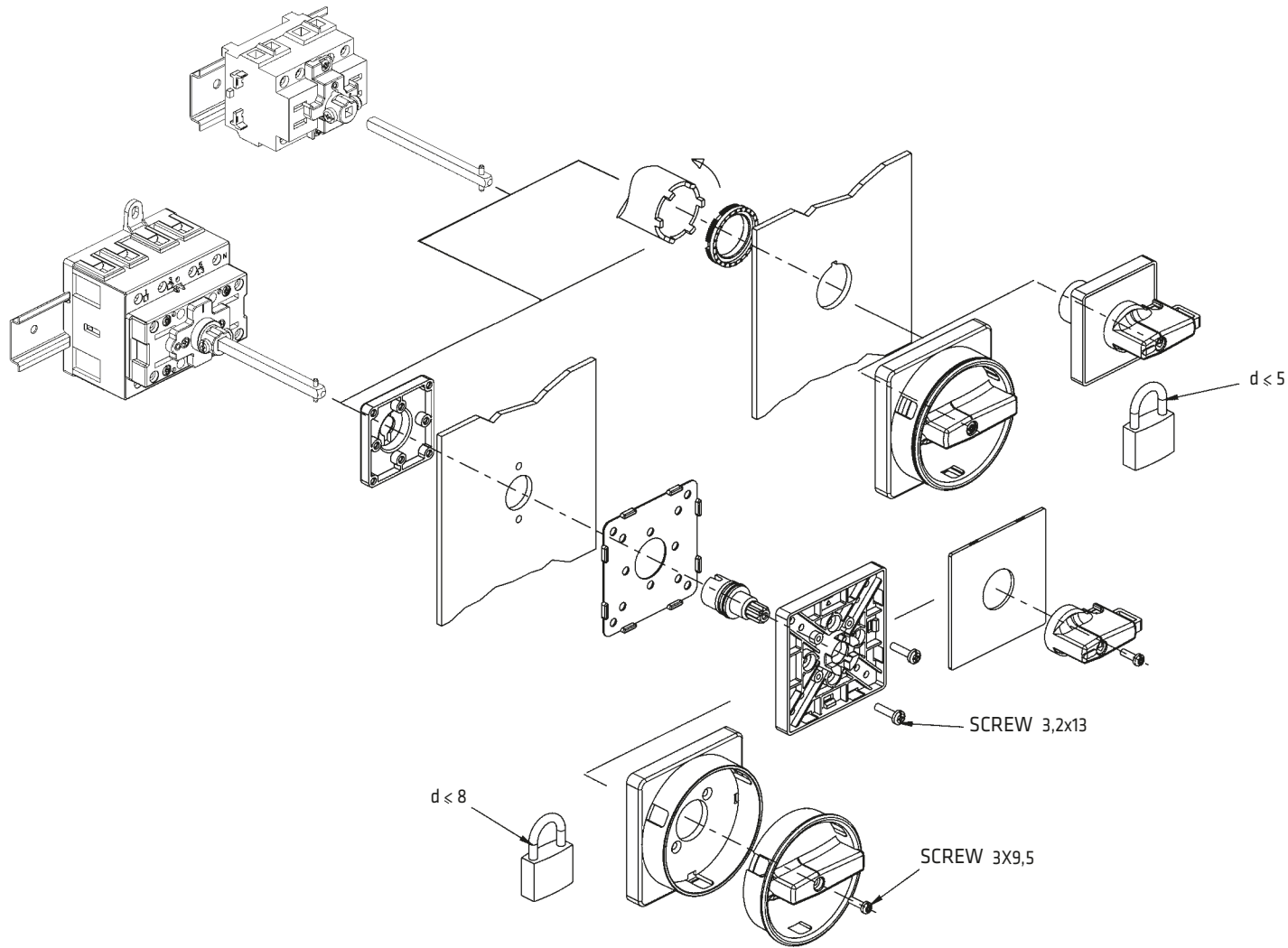
Panel
ø22,5 Hole central fixing



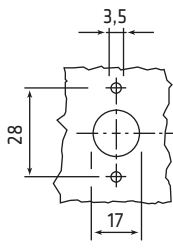
Panel
Screw fixing
SE16-SE32 Series



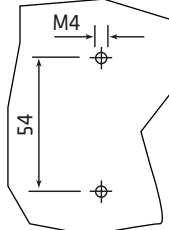
Panel
Screw fixing
SE63-SE80-SE100 Series



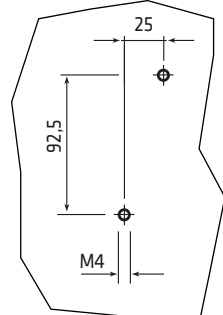
Panel
ø22,5 Hole central fixing



Panel
Screw fixing
SE16...SE100 Series



Box
Screw fixing
SE16-SE32 Series
with plate 11814005



Box
Screw fixing
SE63-SE80-SE100 Series