



GIOVENZANA INTERNATIONAL B.V.

GIOVENZANA INTERNATIONAL B.V.

1077 XX Amsterdam, The Netherlands
WTC Strawinskylaan 1105
Phone: +31(0) 20.4413576 - Fax: +31(0) 20.4413456
E-mail: giovenzana@giovenzana.com

G.T.R. LLC

127051, Moscow, Russian Federation
Likhov lane, h.3, b.2, ufficio 101
Phone: +7.495.6991296 / +7.499.9228548
E-mail: gtr@giovenzana.com

GIOVENZANA CONTROLS INDIA Pvt. Ltd.

400064, Mumbai - Near Mindspace, Malad West
A-203, Knox Plaza, Chincholi, Off Link Road
Phone: +91.22.42640071
E-mail: ggindia@giovenzana.com

GIOVENZANA do Brasil

São Paulo - Brasil
Rua Enxovia, 472 cj1904
Cep. 04711-030; Vila São Francisco
Phone: +55 11 3360-6840 / 11 3530-5316
E-mail: logistic.brasil@giovenzana.com

Branch

DUBAI U.A.E. P.O. Box 262146 - J.A.F.Z.A. 15, Jebel Ali Free Zone
Phone: +971.4.8870788 - Fax: +971.4.8870787
E-mail: uae@giovenzana.com



www.giovenzana.com

GIOVENZANA INTERNATIONAL B.V.

SWITCH DISCONNECTORS REGOLUS



REGOLUS SWITCH DISCONNECTORS
SQ • SQN • SE Series





QUALITY AS A LIFE STYLE

www.giovenzana.com



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AUTOMATION

The solutions offered by **Giovenzana** are the results of the detailed analysis of industrial electrical accessories requirements in conformity with all relevant international standards. The range includes:

- Cam switches Phoenix series from 12A to 200A;
- Switch disconnectors Regulus series from 32A to 160A;
- Auxiliary Controls Pegasus, Orion and NEMA series;
- Limit switches available in pre-wired and thermoplastic version;
- Foot switches and micro switches.

QUALITY

Giovenzana, leader in the elevator and lifting equipment field, has gained a prominent position in the automation sector with the launch of industrial control devices into the market. For many years, all commercial and industrial operations have been integrated within the **UNI EN ISO 9001:2008** quality system.

CSQ certificate N 9105. GIOV.

Quality system is the end users guarantee that all production stages are closely followed under strict control and adhere to the requirements set by the company both in terms of customer expectations and compliance to the relevant international standards as proved by the various certificates **Giovenzana** holds for its products.

By the **UNI EN ISO 14001:2004**, **Giovenzana** keeps up with new technologies in order to reduce raw materials consumption, energy and natural resources and to minimize waste and emissions. This reduces the environmental impact.

The certification CSQ N 9191. GIBV.

COMPLIANCE

All **Giovenzana** products are manufactured according to the most relevant Cee directives. **Giovenzana** certifies this compliance with a declaration of conformity.

CERTIFICATIONS

In order to reach its high quality level **Giovenzana's** products are tested by multiple third parties. In order to obtain the UL mark, **Giovenzana** submits their products to Underwriter Laboratories Inc., one of the most eminent independent certification companies in the World.

CEE DIRECTIVES

From January 1st, 1997 it is compulsory to CE mark all electromechanical products: this has been outlined by an important regulation: 2006/95/CE Low Voltage Directives.

CE MARK

European directives, applied to all national regulations, set the minimum requirements in term of safety of all electrical material sold within the EU.

Compliance to these requirements is certified by the manufacturer by the CE mark placed on the products.

STANDARDS

Giovenzana's products comply with both the European EN and the American UL standards. These regulations, such as CEI EN 60204-1 (CEI 44-5) with regards to the safety requirements of the electrical circuits on board industrial machinery, define the characteristics, performance and use of the products.

EN EUROPEAN STANDARDS

The EN European standards are originated from IEC International standards and are the result of the collaboration between CENELEC (European Committee for Electrotechnical Standardization) member countries.

These standards cover and eliminate existing national standards that may be contradictory and non-compliant.





GIOVENZANA
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REGOLUS SWITCH DISCONNECTORS
SQ 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 brand as synonymous of reliability, operational reliability and durability of its products.

SQ SERIES

The disconnectors modular SQ Series from 32A to 80A, 2-3 poles have the possibility to install additional poles, auxiliary contacts and terminal IP20 protections.

CHARACTERISTICS

- Rated current from 32A to 80A
- Series modular with 3 extensible poles
- Additional pole (4th pole) and

AVAILABLE VERSIONS

- Switch disconnectors 6 poles and changeover 3 poles
- Panel mounting Screw Fixing
- Panel mounting Ø22,5mm Central Hole Fixing (SQ025 - SQ032 only)
- Base Mounting
- Door locking
- Direct command

COMPLY WITH RULES

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

Series			SQ025 - SQ032		SQ040 - SQ063		Auxiliary Contacts
Protection class	control terminals	EN 60529 (UL50 ♦) NEMA 4X	IP65 (Type 1 - 4 -4X)		IP65 (Type 1 - 4 -4X)		-
		EN 60529	IP20		IP20		IP20
Material Group		EN 60947-1	II		II		II
Pollution Grade		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	12 - 8		10 - 2		18 - 12
	Solid Conductors n°1 min/max	mm²	1,5 - 10		10 - 35		1 - 2,5
		AWG	12 - 8		10 - 2		18 - 12
Contacts			Slow Opening		Slow Opening		Slow opening Double-Break
			Double-Break		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			SQ025	SQ032	SQ040	SQ063	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			SQ025	SQ032	SQ040	SQ063	AUXILIARY CONTACTS
Rated operating voltage Ue	V		690	690	690	690	690
Rated insulation voltage Ui	V		690	690	690	690	690
Rated impulse withstand voltage Uimp (sectionable)	kV		8	8	8	8	4
Rated thermal current Ith	A		32	40	63	80	16
Rated thermal current in enclosed Ithe	A		32	40	63	80	10
Frequency	Hz		50/60	50/60	50/60	50/60	50/60

RATED OPERATING CURRENT Ie: alternate current			SQ025	SQ032	SQ040	SQ063	AUXILIARY CONTACTS
AC-21A Switching resistive loads with light overloads	690V	A	32	40	63	80	AC-15 240V - 5A
AC-22A Switching mixed resistive and inductive loads at light overloads	500V	A	-	-	-	-	DC-13 250V - 0,44A
	690V	A	25	32	63	80/-	
AC-23A Periodic switching of motors 3 phases - 3 poles	230V	A/kW	25/7,5	32/10	63/-	80/-	-
	400V	A/kW	25/15	32/18,5	50/-	75/-	-
	500V	A/kW	25/15	32/22	50/-	75/-	-
	690V	A/kW	16/15	20/18,5	26/-	32/-	-
AC3 Starting of cage motors (interruption hile running) 3 phases - 3 poles	230V	A/kW	22/5,5	27/7,5	45/-	60/-	-
	400V	A/kW	22/11	27/15	40/-	60/-	-
	500V	A/kW	22/11	27/18,5	35/-	45/-	-
	690V	A/kW	16/11	20/15	22/-	25/-	-
Nominal interruption power AC-23A (cosfi 0,45)	230V	A	200	256	360	600	-
	400V	A	200	256	360	536	-
	500V	A	200	256	280	536	-
	690V	A	128	160	176	256	-

SHORT CIRCUIT CHARACTERISTICS			SQ025	SQ032	SQ040	SQ063	AUXILIARY CONTACTS
Corrente nominale di breve durata Icw (1 s)	A		800	800	1200	1500	-
Potere nominale di chiusura sotto cortocircuito Icm	A		1500	1500	2200	2800	-
Corrente condizionale di cortocircuito	kA		10	10	10 5	10 5	1
Fusibili classe gG	500V	A	-	-	-	-	10
	690V	A	40	40	63 80	63 80	-

UL 508 CHARACTERISTICS			SQ025	SQ032	SQ040	SQ063	AUXILIARY CONTACTS
General Use	600V AC	A	32	40	60	80	HD A600 AC Q600 DC
Standard motor load single phase - 2 poles	120V AC	HP (FLA)	1,5 (20)	2 (24)	2 (24)	3 (34)	-
	200-208V AC	HP	2	3	3	5	-
	240V AC	HP (FLA)	3 (17)	5 (28)	5 (28)	7,5 (40)	-
Standard motor load 3 phases - 3 poles	200-208V AC	HP	7,5	10	7,5	10	-
	240V AC	HP (FLA)	7,5 (22)	10 (28)	10 (28)	15 (42)	-
	480V AC	HP (FLA)	10 (14)	15 (21)	25 (34)	30 (40)	-
	600V AC	HP (FLA)	15 (17)	20 (22)	30 (32)	40 (41)	-



PANEL MOUNTING

Dimensions and details of fixing holes

TYPE R

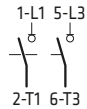


- Screw Fixing.
- See page 24 for combinable actuators.

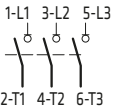
SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	2 POLES	3 POLES
SQ025	32	25	SQ025002R	SQ025003R
SQ032	40	32	SQ032002R	SQ032003R

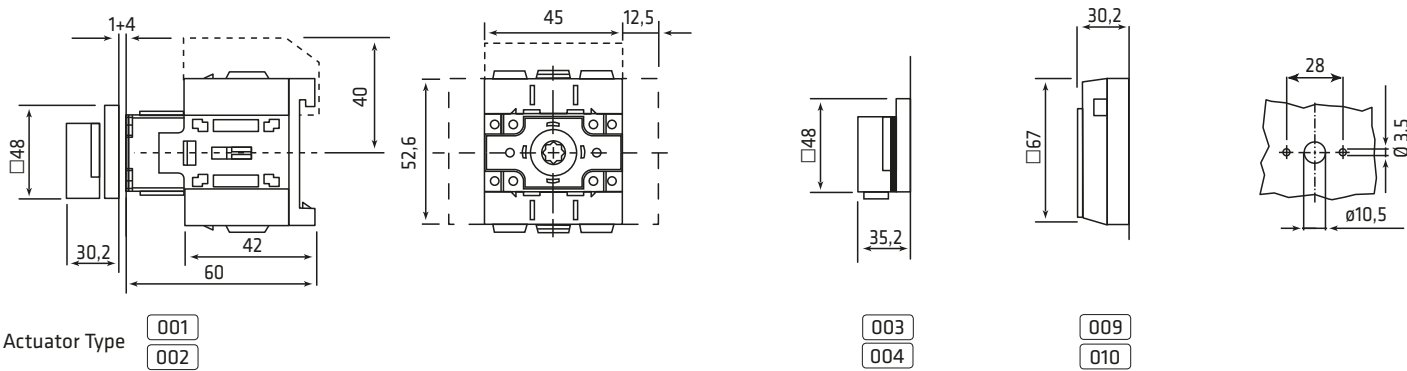


2 POLES



3 POLES





TYPE X

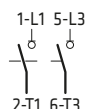


- ø22,5 Central hole fixing panel.
- See page 26 for combinable actuators.

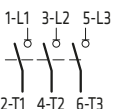
SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	2 POLES	3 POLES
SQ025	32	25	SQ025002X	SQ025003X
SQ032	40	32	SQ032002X	SQ032003X

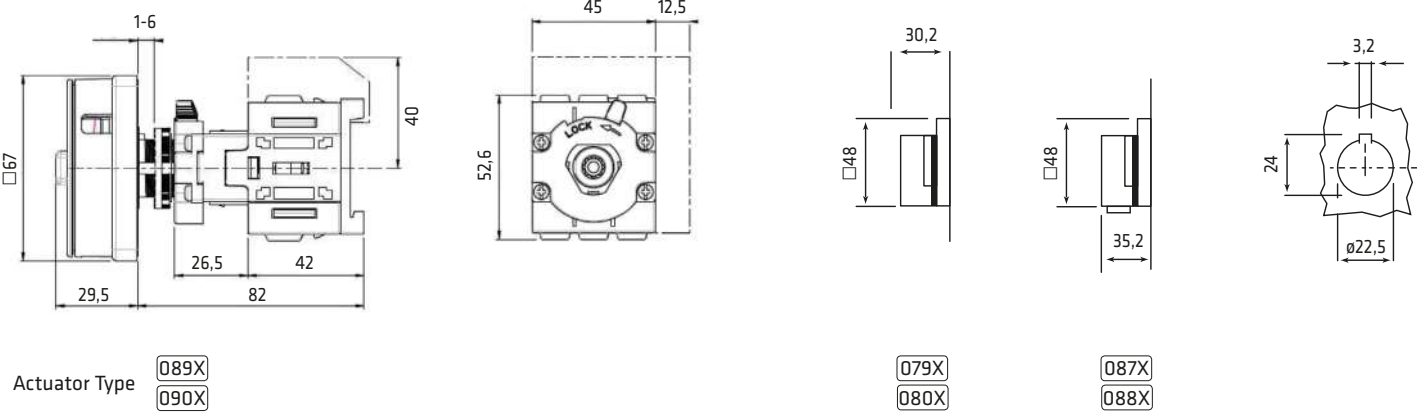


2 POLES

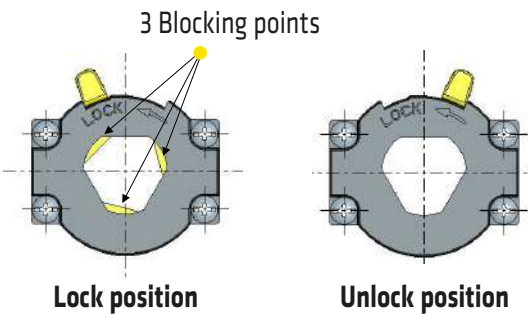
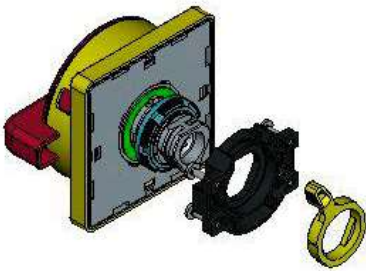


3 POLES





New support D.22
for Regolus switch
disconnectors





BASE MOUNTING

Dimensions and details of fixing holes

TYPE B

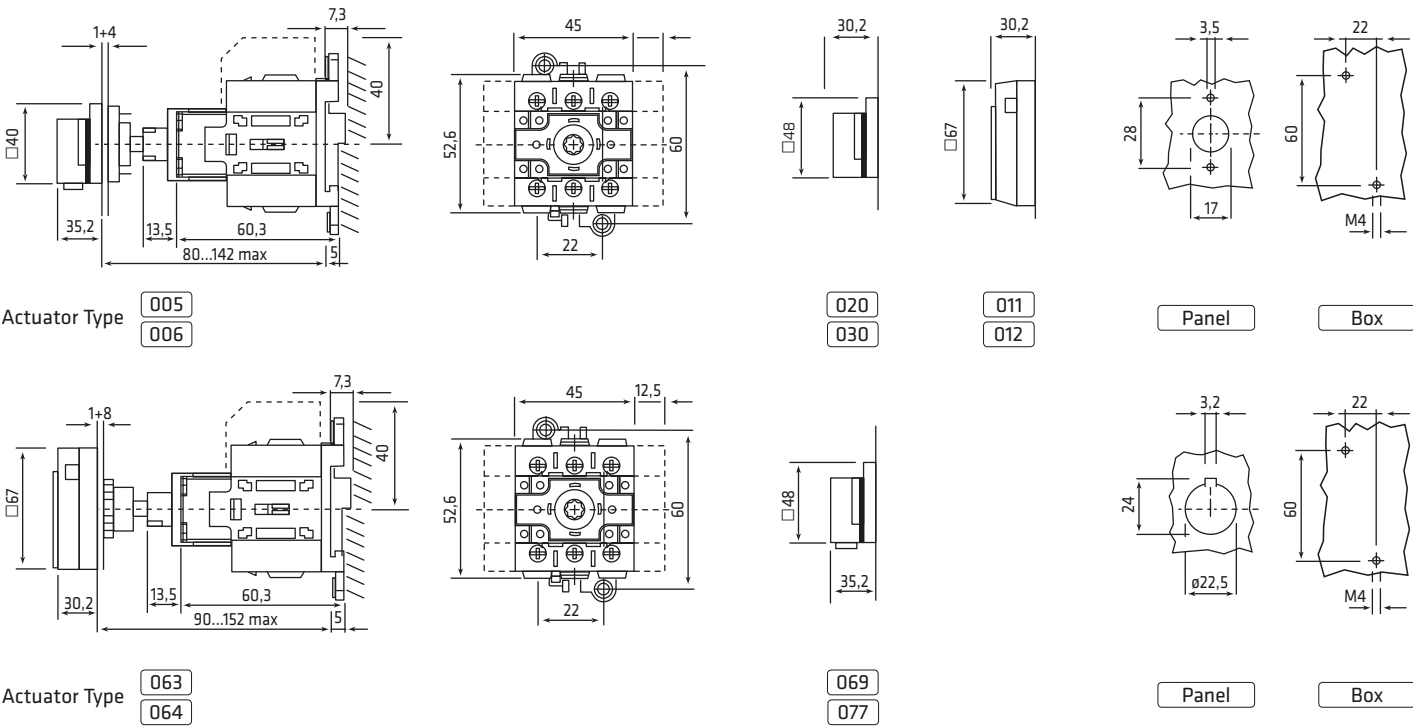


- Fixing box DIN RAIL DIN-EN 50022-35.
- Suitable for Door Locking actuators.
- See page 25 and 29 for combinable actuators.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	2 POLES	3 POLES
SQ025	32	25	SQ025002B	SQ025003B
SQ032	40	32	SQ032002B	SQ032003B

2 POLES
1-L1 5-L3
2-T1 6-T3

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



TYPE K

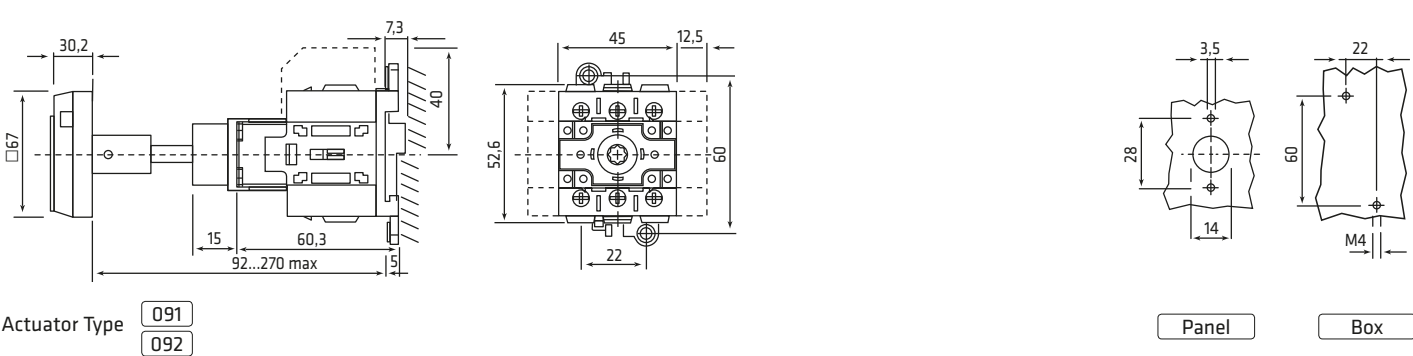


- Fixing box DIN RAIL DIN-EN 50022-35.
- Door locking with shaft fixed on the actuators.
- See page 25 for combinable actuators.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	2 POLES	3 POLES
SQ025	32	25	SQ025002K	SQ025003K
SQ032	40	32	SQ032002K	SQ032003K

2 POLES
1-L1 5-L3
2-T1 6-T3

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



BASE MOUNTING WITH DIRECT COMMAND

Dimensions and details of fixing holes

TYPE D - L1N

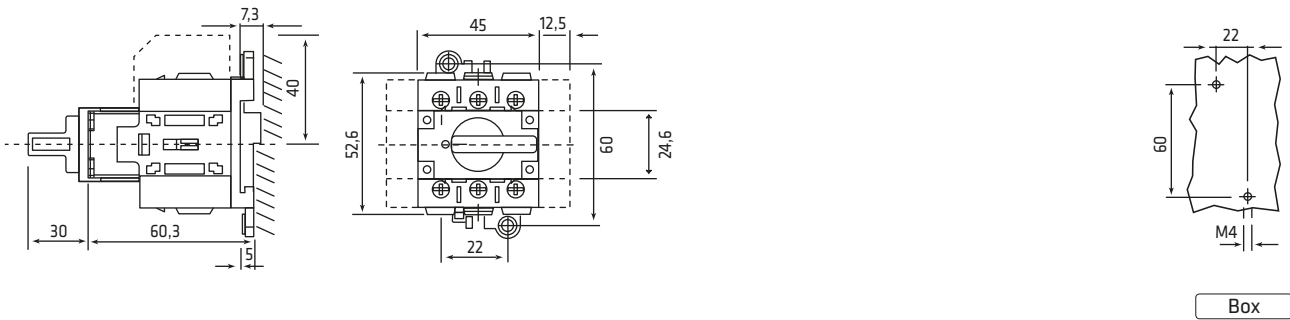


- Fixing box DIN RAIL DIN-EN 50022-35.
- Black knob locking in "0-OFF" position.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	2 POLES	3 POLES
SQ025	32	25	SQ025002DL1N	SQ025003DL1N
SQ032	40	32	SQ032002DL1N	SQ032003DL1N

2 POLES
1-L1 5-L3
2-T1 6-T3

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





PANEL MOUNTING

Dimensions and details of fixing holes

TYPE R



- ➔ Screw fixing.
- ➔ See page 24 for combinable actuators.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	6 POLES	CHANGEOVER 3 POLES
SQ025	32	25	SQ025006R	SQ025033R
SQ032	40	32	SQ032006R	SQ032033R

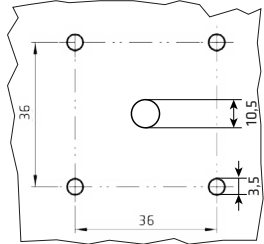
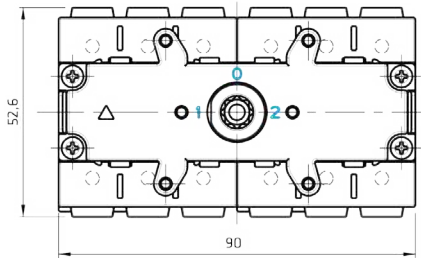
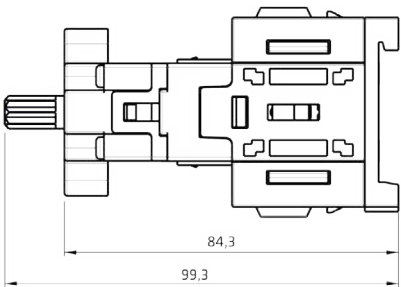
90°

6 POLES

1-L1 3-L2 5-L3 7-L4 9-L5 11-L6
2-T1 4-T2 6-T3 8-T4 10-T5 12-T6

3 POLES

1-L1 3-L2 5-L3
2-T1 8-T4 4-T2 10-T5 6-T3 12-T6



Panel

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 25 for combinable actuators.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	6 POLES	CHANGEOVER 3 POLES
SQ025	32	25	SQ025006B	SQ025033B
SQ032	40	32	SQ032006B	SQ032033B

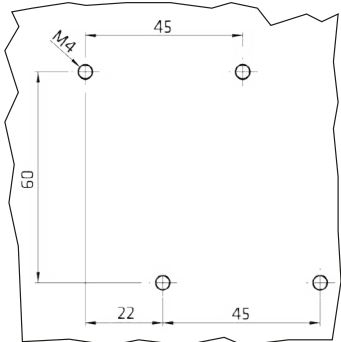
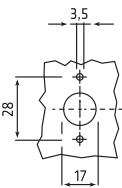
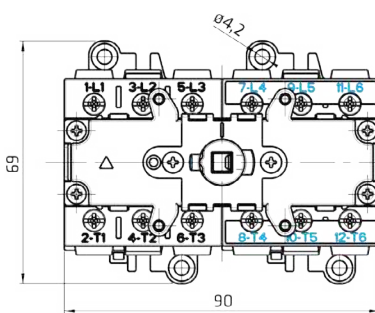
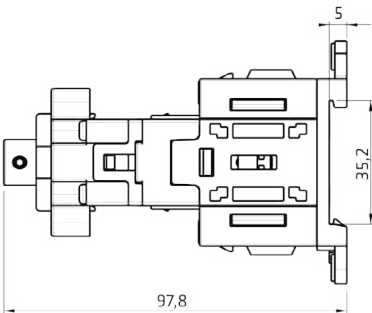
90°

6 POLES

1-L1 3-L2 5-L3 7-L4 9-L5 11-L6
2-T1 4-T2 6-T3 8-T4 10-T5 12-T6

3 POLES

1-L1 3-L2 5-L3
2-T1 8-T4 4-T2 10-T5 6-T3 12-T6



Panel

Box



PANEL MOUNTING

ADDITIONAL POLES

	SERIES	DESCRIPTION	CODE	DIAGRAM
	SQ025 SQ032	Additional Pole NO	SQ025AFPR SQ032AFPR	7 — 8
		4 th Pole (early make contact)	SQ025ANIR SQ032ANIR	N — N
		Neutral Terminal	SQ025ANPR SQ032ANPR	N — N
		Ground Terminal	SQ025APER SQ032APER	PE — PE

AUXILIARY CONTACTS

	SERIES	DESCRIPTION	CODE	DIAGRAM
	SQ025 SQ032	AUX 1NC	SQ010AS1R	1NC 1 — 2
		AUX 1NO	SQ010AS2R	1NO 3 — 4

TERMINAL PROTECTION

	3 POLES	1 POLE	
	20900024	20900025	

FIXING KEY

	FIXING KEY DEVICE FOR FIXING HOLE Ø 22,5 mm
	PCF

BASE MOUNTING

ADDITIONAL POLES

	SERIES	DESCRIPTION	CODE	DIAGRAM
	SQ025 SQ032	Additional Pole NO	SQ025AFPB SQ032AFPB	7 — 8
		4 th Pole (early make contact)	SQ025ANIB SQ032ANIB	N — N
		Neutral Terminal	SQ025ANPB SQ032ANPB	N — N
		Ground Terminal	SQ025APEB SQ032APEB	PE — PE

AUXILIARY CONTACTS

	SERIES	DESCRIPTION	CODE	DIAGRAM
	SQ025 SQ032	AUX 1NC	SQ010AS1B	1NC 1 — 2
		AUX 1NO	SQ010AS2B	1NO 3 — 4

TERMINAL PROTECTION

	3 POLES	1 POLE	
	20900023	20900025	

FIXING KEY

	FIXING KEY DEVICE FOR FIXING HOLE Ø 22,5 mm
	PCF

SHAFT EXTENSIONS

	SHAFT EXTENSION □ 5 FOR DOOR INTERLOCK TYPE B	
	L 185 mm	20401089
	L 300 mm	20401164



PANEL MOUNTING

Dimensions and details of fixing holes

TYPE R

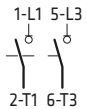


- Screw fixing.
- See page 26 for combinable actuators.

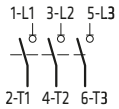
SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	2 POLES	3 POLES
SQ040	63	50	SQ040002R	SQ040003R
SQ063	80	75	SQ063002R	SQ063003R

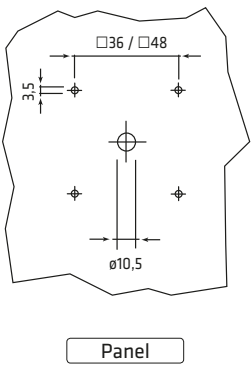
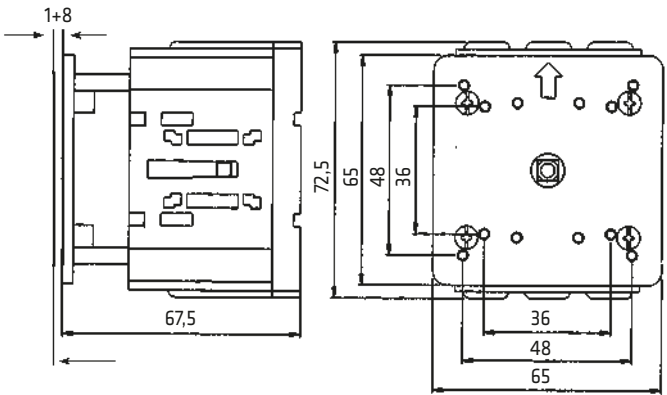


2 POLES



3 POLES





TYPE X

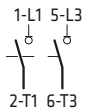


- ø22,5 mm Central hole fixing panel.
- See page 30 for combinable actuators.

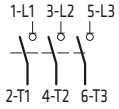
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	AMP. 690V	AMP. 400V	2 POLES	3 POLES
SQ040	63	50	SQ040002X	SQ040003X
SQ063	80	75	SQ063002X	SQ063003X

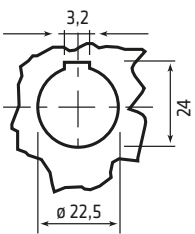
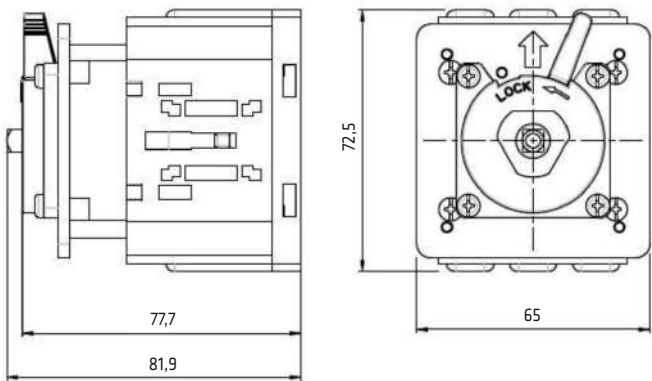


2 POLES

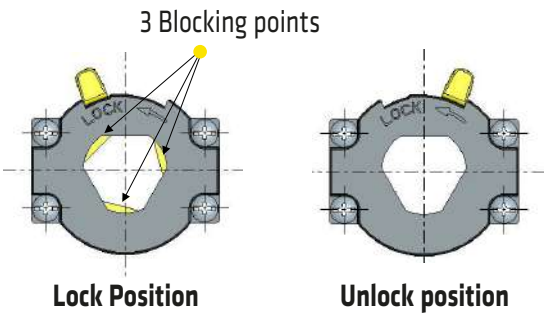
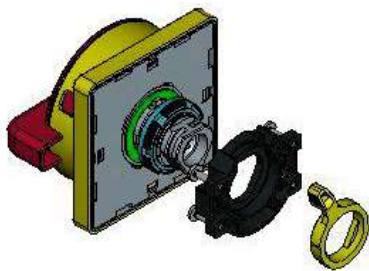


3 POLES





New Support D.22
for Regolus switch
disconnectors



Panel



BASE MOUNTING

Dimensions and details of fixing holes

TYPE B



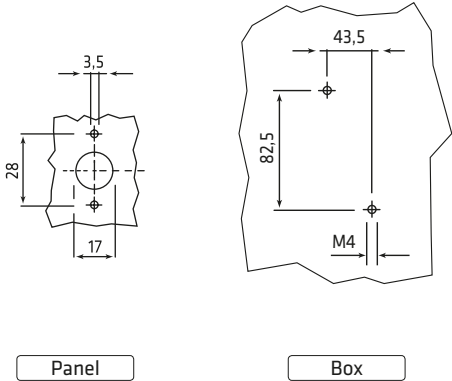
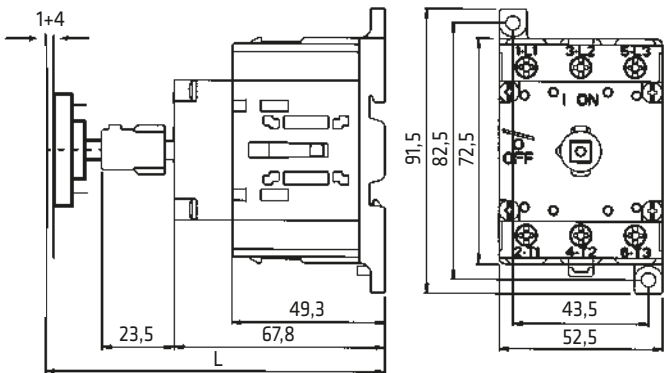
- ➔ Fixing box DIN RAIL DIN-EN 50022-35.
- ➔ Suitable for Door Locking actuators with shaft fixed on switch disconnectors body.
- ➔ See page 27 and 31 for combinable actuators.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	2 POLES	3 POLES
SQ040	63	50	SQ040002B	SQ040003B
SQ063	80	75	SQ063002B	SQ063003B

2 POLES
1-L1 5-L3
2-T1 6-T3

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

	STANDARD SHAFT	EXTENSION SHAFT □6 CODE 20900010
L min	112	112 (with cut shaft)
L max	142	242



BASE MOUNTING WITH DIRECT COMMAND

Dimensions and details of fixing holes

TYPE D - L2N

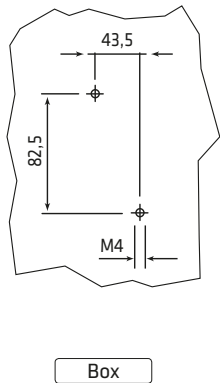
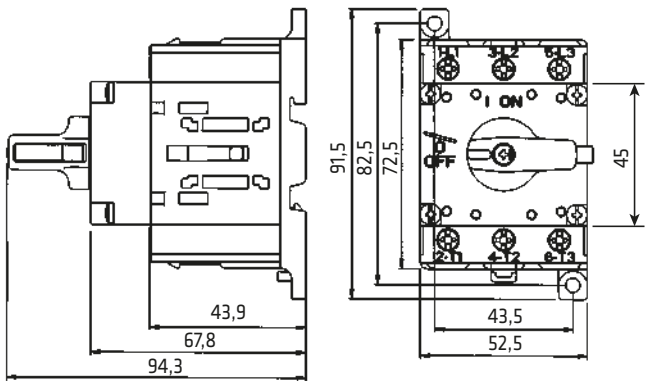


- ➔ Fixing box DIN RAIL DIN-EN 50022-35.
- ➔ Black knob locking in "0-OFF" position.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	2 POLES	3 POLES
SQ040	63	50	SQ040002DL2N	SQ040003DL2N
SQ063	80	75	SQ063002DL2N	SQ063003DL2N

2 POLES
1-L1 5-L3
2-T1 6-T3

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





PANEL MOUNTING

Dimensions and details of fixing holes

TYPE R



- ➔ Screw fixing.
- ➔ See page 26 for combinable actuators.

SERIES	AC-21A	AC-23A	PANEL MOUNTING	
	AMP. 690V	AMP. 400V	6 POLES	CHANGEOVER 3 POLES
SQ040	63	50	SQ040006R	SQ040033R
SQ063	80	75	SQ063006R	SQ063033R

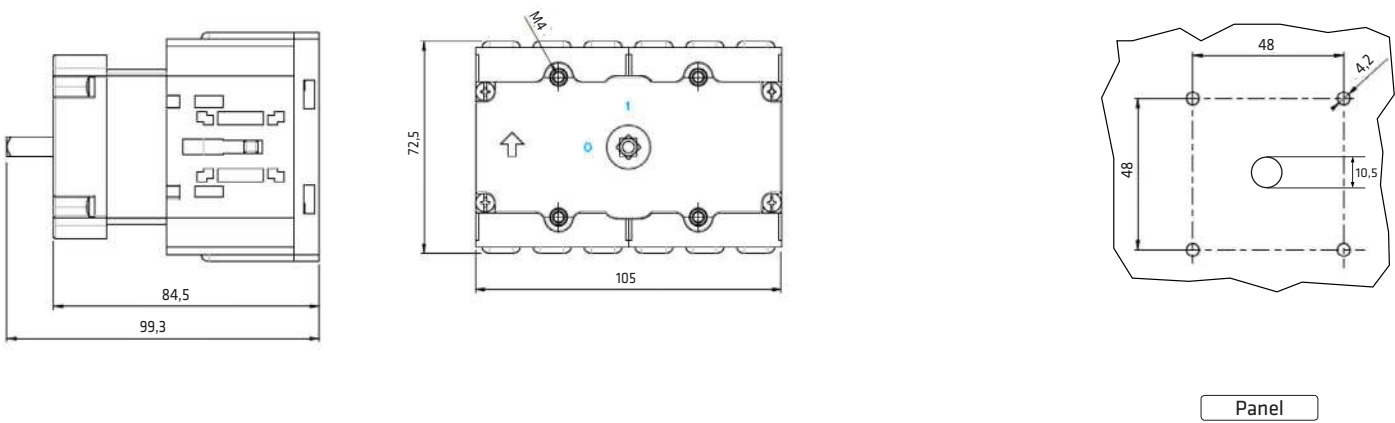
90°

6 POLES

1-L1 3-L2 5-L3 7-L4 9-L5 11-L6
2-T1 4-T2 6-T3 8-T4 10-T5 12-T6

3 POLES

1-L1 3-L2 5-L3
2-T1 8-T4 4-T2 10-T5 6-T3 12-T6



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 27 for combinable actuators.

SERIES	AC-21A	AC-23A	BASE MOUNTING	
	AMP. 690V	AMP. 400V	6 POLES	CHANGEOVER 3 POLES
SQ040	63	50	SQ040006B	SQ040033B
SQ063	80	75	SQ063006B	SQ063033B

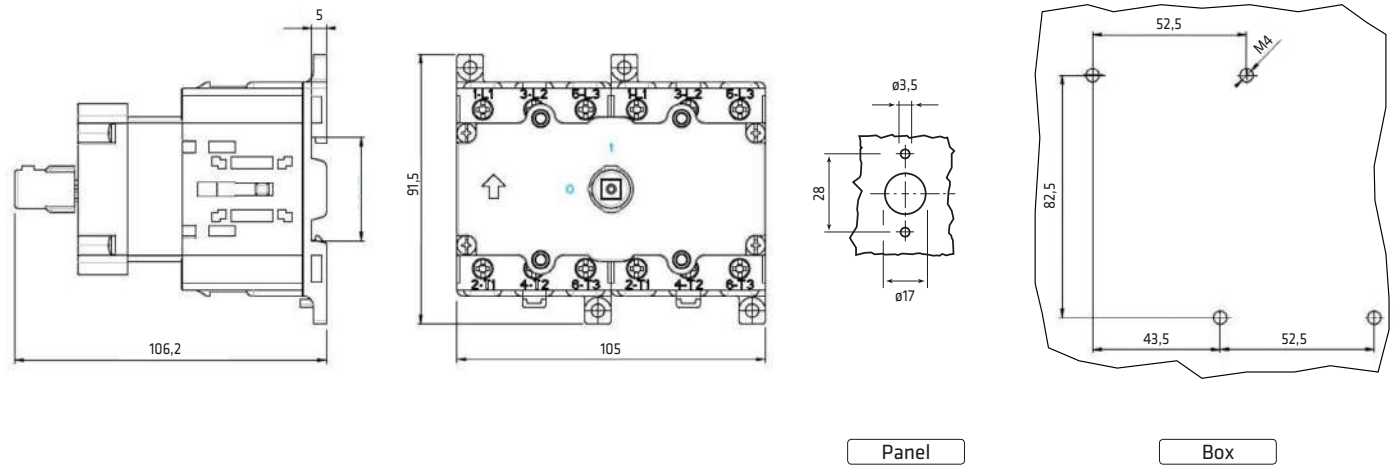
90°

6 POLES

1-L1 3-L2 5-L3 7-L4 9-L5 11-L6
2-T1 4-T2 6-T3 8-T4 10-T5 12-T6

3 POLES

1-L1 3-L2 5-L3
2-T1 8-T4 4-T2 10-T5 6-T3 12-T6





PANEL MOUNTING

ADDITIONAL POLES

	SERIES	DESCRIPTION	CODE	DIAGRAM
	SQ040 SQ063	Additional Pole NO	SQ040AFPR SQ063AFPR	7 — 8
		4 th Pole (early make contact)	SQ040ANIR SQ063ANIR	N — N
		Neutral Terminal	SQ040ANPR SQ063ANPR	N — N
		Ground Terminal	SQ040APER SQ063APER	PE — PE

AUXILIARY CONTACTS

	SERIES	DESCRIPTION	CODE	DIAGRAM
	SQ040 SQ063	AUX 1NC	SQ010AS3R	1NC 1 — 2
		AUX 1NO	SQ010AS4R	1NO 3 — 4

TERMINAL PROTECTION

	3 POLES	1 POLE	
	20900041	20900040	

FIXING KEY

	FIXING KEY DEVICE FOR FIXING HOLE Ø 22,5 mm
	PCF

BASE MOUNTING

ADDITIONAL POLES

	SERIES	DESCRIPTION	CODE	DIAGRAM
	SQ040 SQ063	Additional Pole NO	SQ040AFPB SQ063AFPB	7 — 8
		4 th Pole (early make contact)	SQ040ANIB SQ063ANIB	N — N
		Neutral Terminal	SQ040ANPB SQ063ANPB	N — N
		Ground Terminal	SQ040APEB SQ063APEB	PE — PE

AUXILIARY CONTACTS

	SERIES	DESCRIPTION	CODE	DIAGRAM
	SQ040 SQ063	AUX 1NC	SQ010AS3B	1NC 1 — 2
		AUX 1NO	SQ010AS4B	1NO 3 — 4

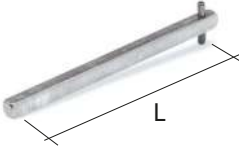
TERMINAL PROTECTION

	3 POLES	1 POLE	
	20900041	20900040	

FIXING KEY

	FIXING KEY DEVICE FOR FIXING HOLE Ø 22,5 mm
	PCF

SHAFT EXTENSIONS

	SHAFT EXTENSION □ 6 FOR DOOR INTERLOCK TYPE B	
	L 185 mm	20900010
	L 300 mm	20900011



ACTUATORS | PANEL MOUNTING TYPE R | SCREW FIXING

ACTUATORS | DOOR LOCKING TYPE B AND K | SCREW FIXING

SQ025 - SQ032 SERIES | EN 60529 - IP65 - UL50 Type 1 - 4 - 4x -12 [♦] Protection NEMA 4x.

	➤ Grey Plate ➤ Black knob	<table><tr><th>SERIES</th><th>FRONT PLATE SIZE</th><th>CODE PANEL MOUNTING TYPE R</th><th>LEGEND PLATE</th></tr><tr><td rowspan="2">SQ025 - SQ032</td><td rowspan="2">□48</td><td>001/0001-4V</td><td></td></tr><tr><td>001/0008-4V</td><td></td></tr></table>	SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE	SQ025 - SQ032	□48	001/0001-4V		001/0008-4V		<table><tr><th>SERIES</th><th>FRONT PLATE SIZE</th><th>CODE DOOR LOCKING TYPE B ▶</th><th>CODE TIPO K</th><th>LEGEND PLATE</th></tr><tr><td rowspan="2">SQ025 - SQ032</td><td rowspan="2">□48</td><td>020/0001</td><td>-</td><td></td></tr><tr><td>020/0008-90</td><td>-</td><td></td></tr></table>	SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	CODE TIPO K	LEGEND PLATE	SQ025 - SQ032	□48	020/0001	-		020/0008-90	-	
SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE																							
SQ025 - SQ032	□48	001/0001-4V																								
		001/0008-4V																								
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SQ025 - SQ032	□48	020/0001	-																							
		020/0008-90	-																							

	➤ Grey Plate ➤ Black knob ➤ Locking Facility (Max 1 lock)	<table><tr><th>SERIES</th><th>FRONT PLATE SIZE</th><th>CODE PANEL MOUNTING TYPE R</th><th>LEGEND PLATE</th></tr><tr><td rowspan="2">SQ025 - SQ032</td><td rowspan="2">□48</td><td>003/0001-4V ♦</td><td></td></tr><tr><td>003/0008-4V ♦</td><td></td></tr></table>	SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE	SQ025 - SQ032	□48	003/0001-4V ♦		003/0008-4V ♦		<table><tr><th>SERIES</th><th>FRONT PLATE SIZE</th><th>CODE DOOR LOCKING TYPE B ▶</th><th>CODE TIPO K</th><th>LEGEND PLATE</th></tr><tr><td rowspan="2">SQ025 - SQ032</td><td rowspan="2">□48</td><td>005/0001 ♦</td><td>-</td><td></td></tr><tr><td>005/0008-90 ♦</td><td>-</td><td></td></tr></table>	SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	CODE TIPO K	LEGEND PLATE	SQ025 - SQ032	□48	005/0001 ♦	-		005/0008-90 ♦	-	
SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE																							
SQ025 - SQ032	□48	003/0001-4V ♦																								
		003/0008-4V ♦																								
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SQ025 - SQ032	□48	005/0001 ♦	-																							
		005/0008-90 ♦	-																							

	➤ Grey Plate ➤ Black knob ➤ Locking Facility (Max 3 locks)	<table><tr><th>SERIES</th><th>FRONT PLATE SIZE</th><th>CODE PANEL MOUNTING TYPE R</th><th>LEGEND PLATE</th></tr><tr><td rowspan="2">SQ025 - SQ032</td><td rowspan="2">□67</td><td>009/0001-4V ♦</td><td></td></tr><tr><td></td><td></td></tr></table>	SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE	SQ025 - SQ032	□67	009/0001-4V ♦				<table><tr><th>SERIES</th><th>FRONT PLATE SIZE</th><th>CODE DOOR LOCKING TYPE B ▶</th><th>CODE TIPO K</th><th>LEGEND PLATE</th></tr><tr><td rowspan="2">SQ025 - SQ032</td><td rowspan="2">□67</td><td>011/0001 ♦</td><td>091/0001</td><td></td></tr><tr><td></td><td></td><td></td></tr></table>	SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	CODE TIPO K	LEGEND PLATE	SQ025 - SQ032	□67	011/0001 ♦	091/0001				
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SQ025 - SQ032	□67	009/0001-4V ♦																								
SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	CODE TIPO K	LEGEND PLATE																						
SQ025 - SQ032	□67	011/0001 ♦	091/0001																							

	➤ Yellow Plate ➤ Red knob	<table><tr><th>SERIES</th><th>FRONT PLATE SIZE</th><th>CODE PANEL MOUNTING TYPE R</th><th>LEGEND PLATE</th></tr><tr><td rowspan="2">SQ025 - SQ032</td><td rowspan="2">□48</td><td>002/0001-4V</td><td></td></tr><tr><td>002/0008-4V</td><td></td></tr></table>	SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE	SQ025 - SQ032	□48	002/0001-4V		002/0008-4V		<table><tr><th>SERIES</th><th>FRONT PLATE SIZE</th><th>CODE DOOR LOCKING TYPE B ▶</th><th>CODE TIPO K</th><th>LEGEND PLATE</th></tr><tr><td rowspan="2">SQ025 - SQ032</td><td rowspan="2">□48</td><td>030/0001</td><td>-</td><td></td></tr><tr><td>030/0008-90</td><td>-</td><td></td></tr></table>	SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	CODE TIPO K	LEGEND PLATE	SQ025 - SQ032	□48	030/0001	-		030/0008-90	-	
SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE																							
SQ025 - SQ032	□48	002/0001-4V																								
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SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	CODE TIPO K	LEGEND PLATE																						
SQ025 - SQ032	□48	030/0001	-																							
		030/0008-90	-																							

	➤ Yellow Plate ➤ Red knob ➤ Locking Facility (Max 1 lock)	<table><tr><th>SERIES</th><th>FRONT PLATE SIZE</th><th>CODE PANEL MOUNTING TYPE R</th><th>LEGEND PLATE</th></tr><tr><td rowspan="2">SQ025 - SQ032</td><td rowspan="2">□48</td><td>004/0001-4V ♦</td><td></td></tr><tr><td>004/0008-4V ♦</td><td></td></tr></table>	SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE	SQ025 - SQ032	□48	004/0001-4V ♦		004/0008-4V ♦		<table><tr><th>SERIES</th><th>FRONT PLATE SIZE</th><th>CODE DOOR LOCKING TYPE B ▶</th><th>CODE TIPO K</th><th>LEGEND PLATE</th></tr><tr><td rowspan="2">SQ025 - SQ032</td><td rowspan="2">□48</td><td>006/0001 ♦</td><td>-</td><td></td></tr><tr><td>006/0008-90 ♦</td><td>-</td><td></td></tr></table>	SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	CODE TIPO K	LEGEND PLATE	SQ025 - SQ032	□48	006/0001 ♦	-		006/0008-90 ♦	-	
SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE																							
SQ025 - SQ032	□48	004/0001-4V ♦																								
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SQ025 - SQ032	□48	006/0001 ♦	-																							
		006/0008-90 ♦	-																							

	➤ Yellow Plate ➤ Red knob ➤ Locking Facility (Max 3 locks)	<table><tr><th>SERIES</th><th>FRONT PLATE SIZE</th><th>CODE PANEL MOUNTING TYPE R</th><th>LEGEND PLATE</th></tr><tr><td rowspan="2">SQ025 - SQ032</td><td rowspan="2">□67</td><td>010/0001-4V ♦</td><td></td></tr><tr><td></td><td></td></tr></table>	SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE	SQ025 - SQ032	□67	010/0001-4V ♦				<table><tr><th>SERIES</th><th>FRONT PLATE SIZE</th><th>CODE DOOR LOCKING TYPE B ▶</th><th>CODE TIPO K</th><th>LEGEND PLATE</th></tr><tr><td rowspan="2">SQ025 - SQ032</td><td rowspan="2">□67</td><td>012/0001 ♦</td><td>092/0001</td><td></td></tr><tr><td></td><td></td><td></td></tr></table>	SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	CODE TIPO K	LEGEND PLATE	SQ025 - SQ032	□67	012/0001 ♦	092/0001				
SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE																							
SQ025 - SQ032	□67	010/0001-4V ♦																								
SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	CODE TIPO K	LEGEND PLATE																						
SQ025 - SQ032	□67	012/0001 ♦	092/0001																							

► 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

SQ040 - SQ063 SERIES | EN 60529 - IP65 - UL50 Type 1 - 4 - 4x -12 [◆] Protection NEMA 4x.

► 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

SQ025 - SQ032 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
SQ025 - SQ032	□48	079X/0001	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B	LEGEND PLATE
SQ025 - SQ032	□48	095/0001	



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

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE X	LEGEND PLATE
SQ025 - SQ032	□48	087X/0001 ♦	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SQ025 - SQ032	□48	077/0001 ♦	



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

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE X	LEGEND PLATE
SQ025 - SQ032	□67	089X/0001 ♦	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SQ025 - SQ032	□67	063/0001 ♦	



- Yellow Plate
- Red knob

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE X	LEGEND PLATE
SQ025 - SQ032	□48	080X/0001	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SQ025 - SQ032	□48	070/0001	



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

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE X	LEGEND PLATE
SQ025 - SQ032	□48	088X/0001 ♦	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SQ025 - SQ032	□48	069/0001 ♦	



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

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE X	LEGEND PLATE
SQ025 - SQ032	□67	090X/0001 ♦	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SQ025 - SQ032	□67	064/0001 ♦	

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



ACTUATORS Ø22 | PANEL MOUNTING TYPE X | CENTRAL FIXING

ACTUATORS Ø22 | DOOR LOCKING TYPE B | CENTRAL FIXING

SQ040 - SQ063 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 X	LEGEND PLATE
SQ040 - SQ063	□67	089X/0001 ◆	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SQ040 - SQ063	□67	065/0001 ◆	



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

SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE X	LEGEND PLATE
SQ040 - SQ063	□67	090X/0001 ◆	

SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE
SQ040 - SQ063	□67	066/0001 ◆	



C01

IP65



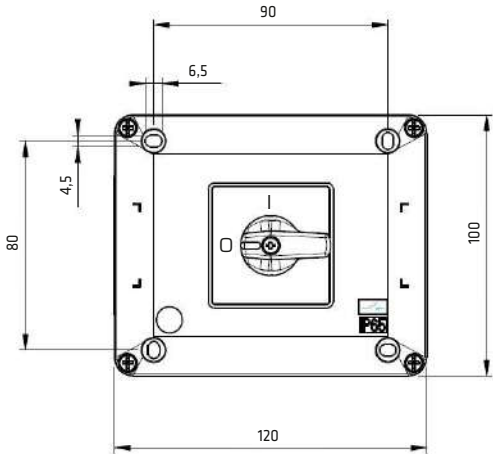
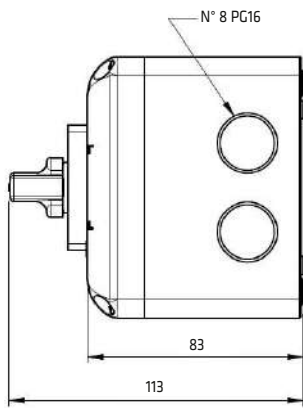
- Opening in "0" position.
- Arranged for nr. 8 Pg16 cable glands of which nr. 2 on the bottom.
- **Dimensions:** 120x100x85 mm.
- Black box - Grey cover - Black knob.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	
SQ025	32	25		SQ025003BC01
SQ032	40	32		SQ032003BC01

3 POLES



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



E01

IP65



- Opening in "0" position.
- Arranged with 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.

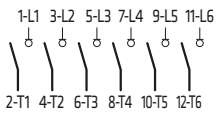
SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	6 POLES
SQ025	32	25	-	SQ025006BE01
SQ032	40	32	-	SQ032006BE01
SQ040	63	50	SQ040003BE01	-
SQ063	80	75	SQ063003BE01	-

3 POLES

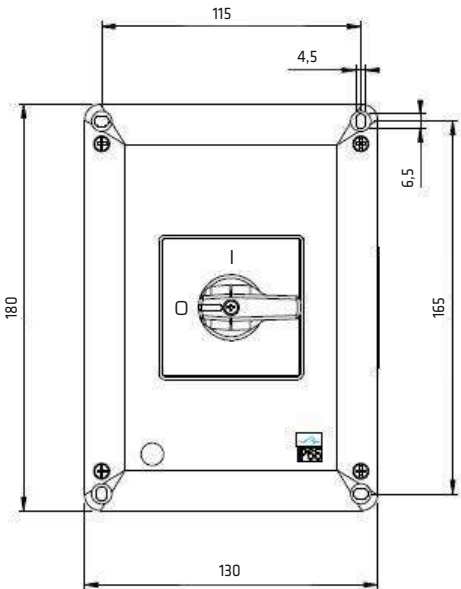
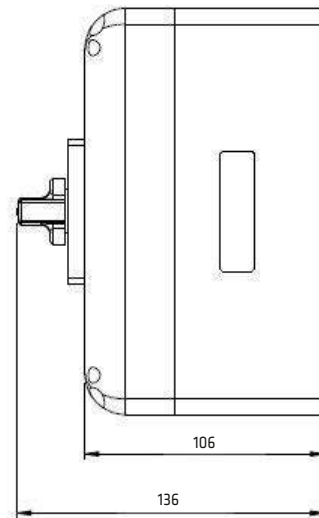


1-L1 3-L2 5-L3
2-T1 4-T2 6-T3

6 POLES

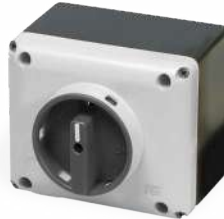


1-L1 3-L2 5-L3 7-L4 9-L5 11-L6
2-T1 4-T2 6-T3 8-T4 10-T5 12-T6



C09

IP65



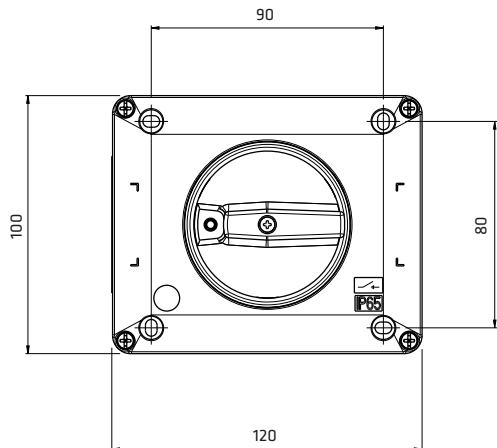
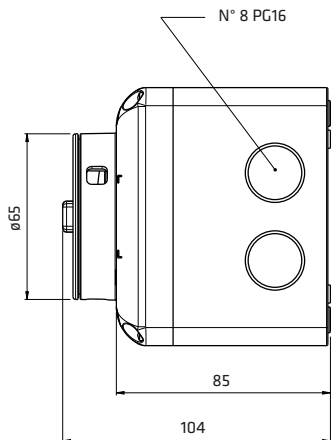
- Opening in "0" position.
- Arranged for nr. 8 Pg16 cable glands of which nr. 2 on the bottom.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 120x100x85 mm
- Black box - Grey cover - Black knob.

SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	
SQ025	32	25		SQ025003BC09
SQ032	40	32		SQ032003BC09

3 POLES



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



C10

IP65

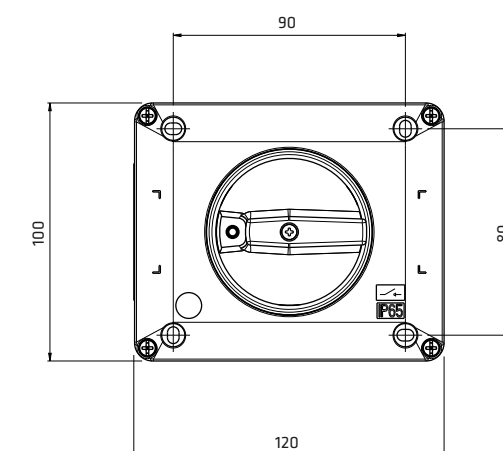
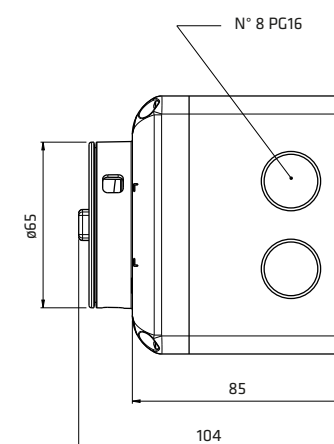
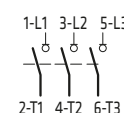


- Opening in "0" position.
- Arranged for nr. 8 Pgl6 cable glands of which nr. 2 on the bottom.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 120x100x85 mm.
- Black box - Yellow cover - Red knob.

SERIES	AC-21A	AC-23A	CODE
	AMP. 690V	AMP. 400V	3 POLES
SQ025	32	25	SQ025003BC10
SQ032	40	32	SQ032003BC10



3 POLES



EO9

IP65

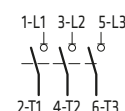


- Opening in "0" position.
- Arranged with nr. 4 cable glands M25/M32 + nr. 2 closed holes $\varnothing 22,5$ mm on the bottom.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 130x180x106 mm.
- Black box - Grey cover - Black knob.

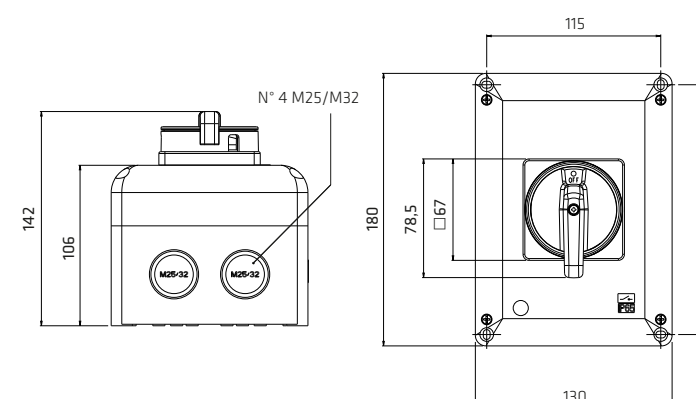
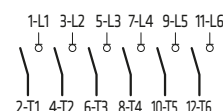
SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	6 POLES
SQ025	32	25	-	SQ025006BE0
SQ032	40	32	-	SQ032006BE0
SQ040	63	50	SQ040003BE09	-
SQ063	80	75	SQ063003BE09	-



3 POLES

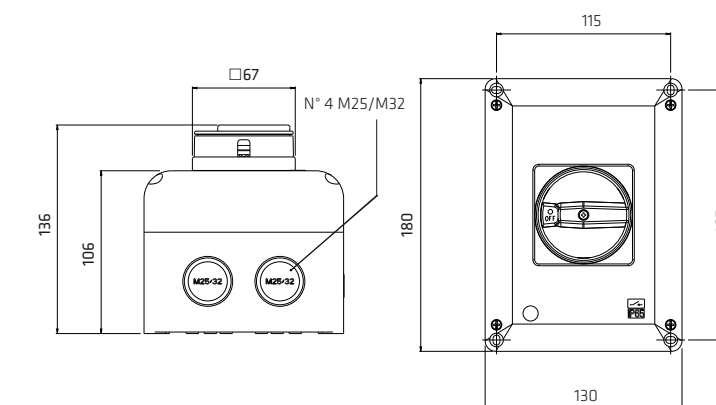


6 POLES



SQ025006BE09

SQ032006BE09



SQ040003BE09

SQ063003BE09

E10

IP65

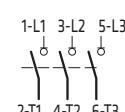


- Opening in "0" position.
- Arranged with nr. 4 cable glands M25/M32 + nr. 2 closed holes $\varnothing 22,5$ mm on the bottom.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 130x180x106 mm.
- Black box - Yellow cover - Red knob.

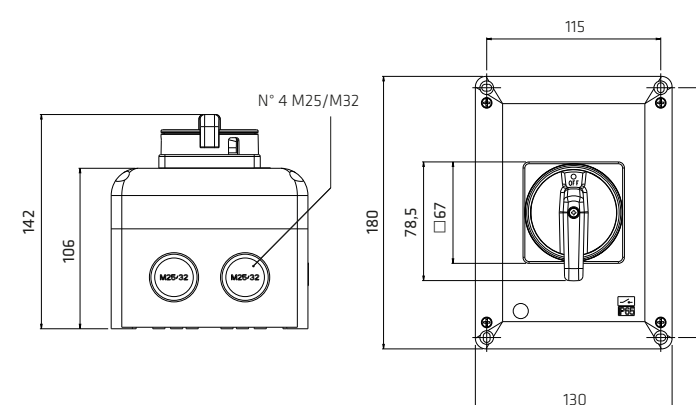
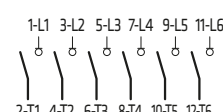
SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	6 POLES
SQ025	32	25	-	SQ025006BE10
SQ032	40	32	-	SQ032006BE10
SQ040	63	50	SQ040003BE10	-
SQ063	80	75	SQ063003BE10	-



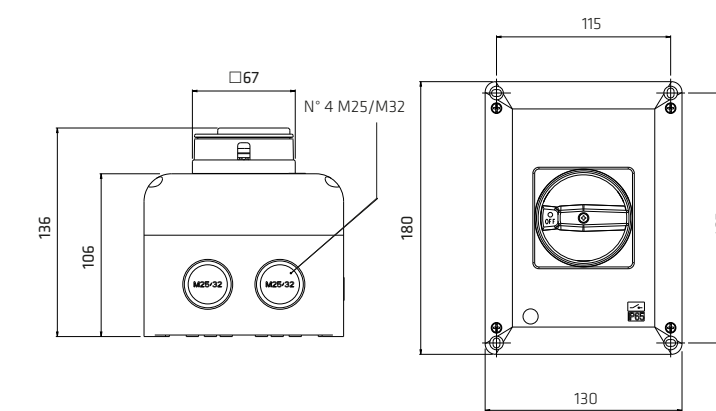
3 POLES



6 POLES



SQ025006BE10
SQ032006BE10



SQ040003BE10
SQ063003BE10



COMPLETE DEVICES IN THERMOPLASTIC ENCLOSURES

SQ Series | THERMOPLASTIC | Heat resistant material

C41

IP65



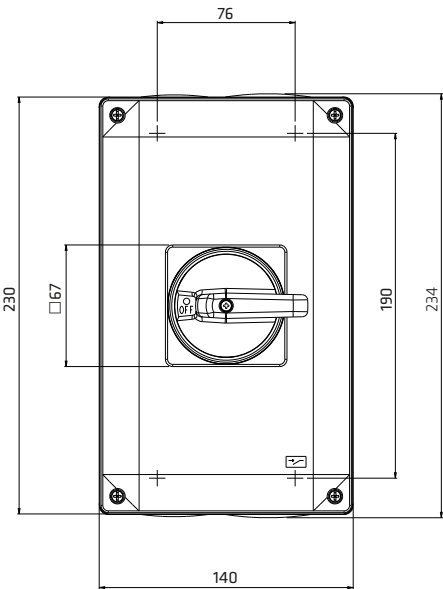
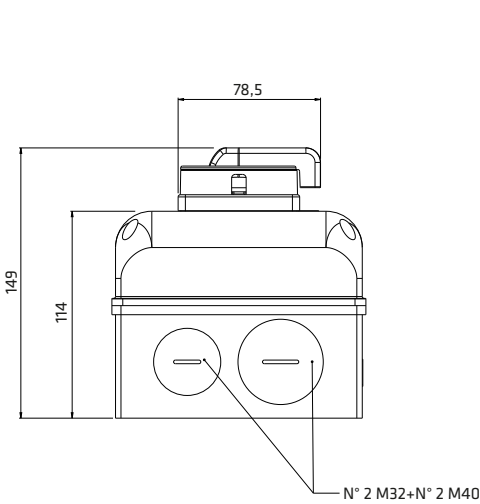
- Opening in "0" position.
- Complete with nr. 2 M32 and nr. 2 M40 cable gland plugs.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 140x230x114 mm
- Black box - Yellow cover - Red knob.
- UL Approval.

SERIES	AC-21A	AC-23A	CODE
	AMP. 690V	AMP. 400V	3 POLES
SQ063	80	75	SQ063003BC41

3 POLES

1-L1 3-L2 5-L3

2-T1 4-T2 6-T3



C42

IP65



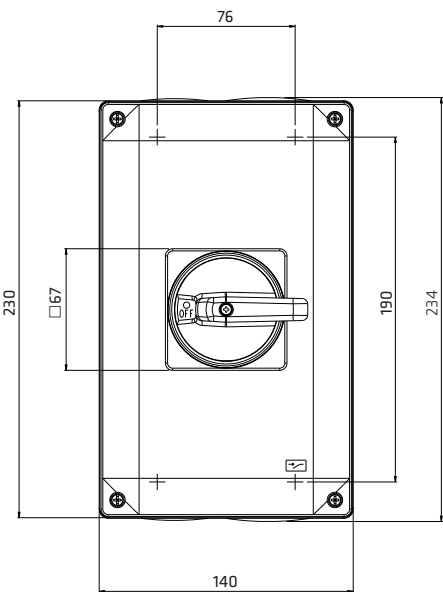
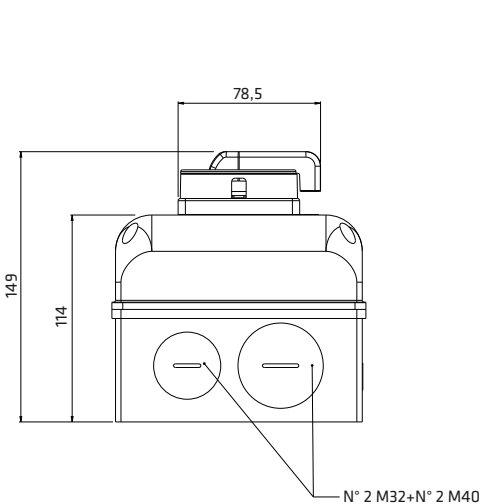
- Opening in "0" position.
- Complete with nr. 2 M32 and nr. 2 M40 cable gland plugs.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 140x230x114 mm.
- Black box - Grey cover - Black knob.
- UL Approval.

SERIES	AC-21A	AC-23A	CODE
	AMP. 690V	AMP. 400V	3 POLES
SQ063	80	75	SQ063003BC42

3 POLES

1-L1 3-L2 5-L3

2-T1 4-T2 6-T3





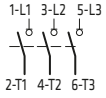
A09

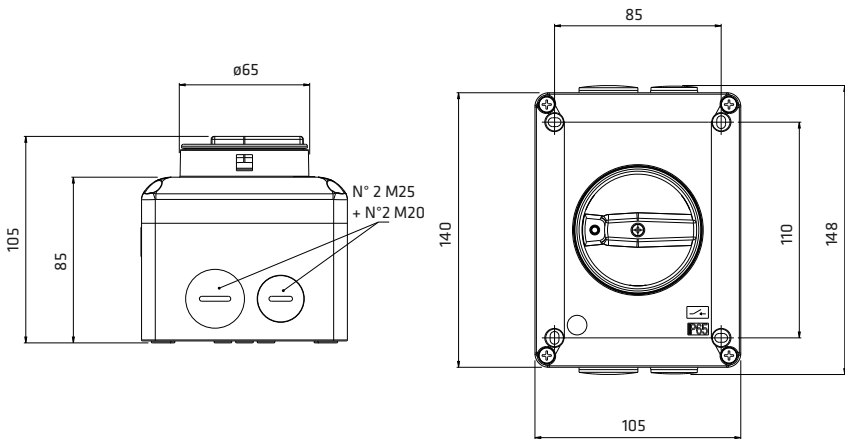
IP65



- 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
SQ025	32	25	SQ025003DA09
SQ032	40	32	SQ032003DA09





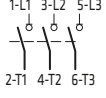
A10

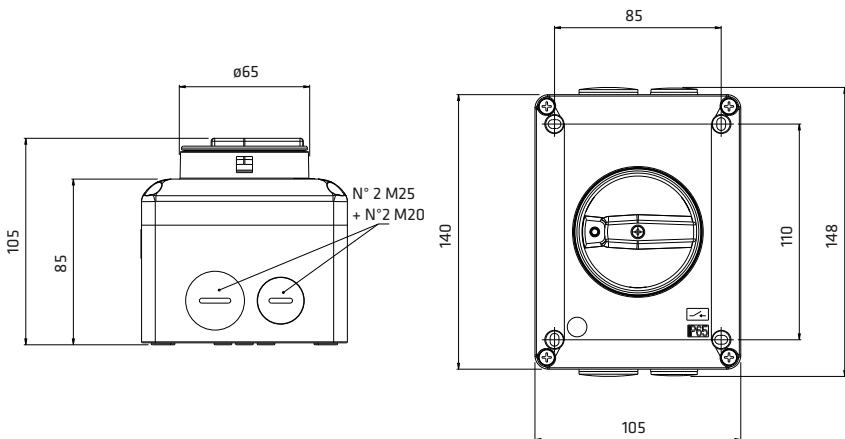
IP65



- 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
SQ025	32	25	SQ025003DA10
SQ032	40	32	SQ032003DA10





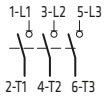
AB9

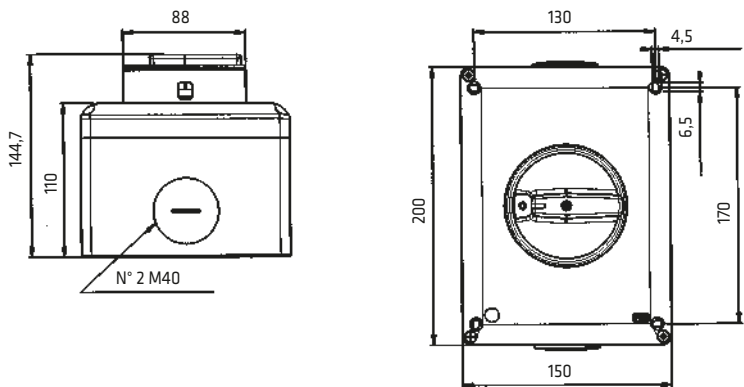
IP65



- 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
SQ040	63	50	SQ040003BAB9
SQ063	80	75	SQ063003BAB9





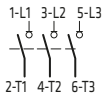
AB0

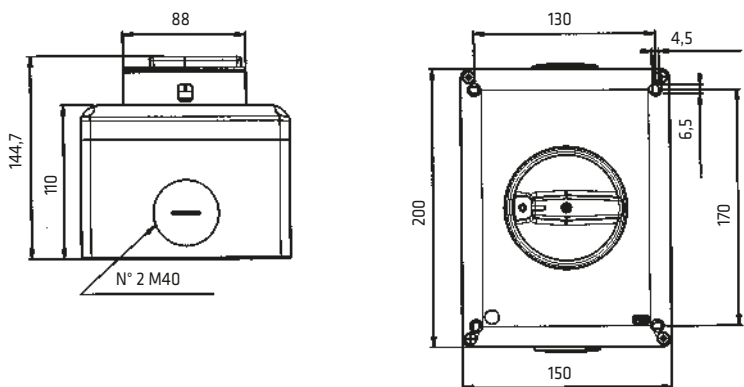
IP65



- 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
SQ040	63	50	SQ040003BAB0
SQ063	80	75	SQ063003BAB0







THERMOPLASTIC ENCLOSURES

BF3/FNGO

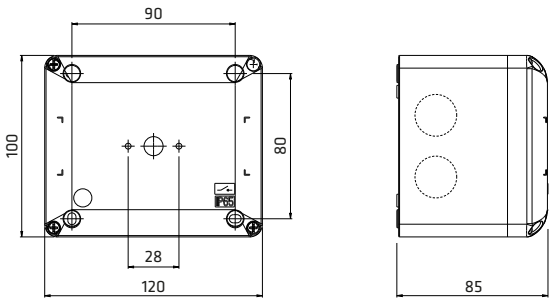
THERMOPLASTIC BOX

IP65



- Bodies - Panel Mounting Type R.
- Arranged for nr. 8 Pg 16 - M20 cable glands.
- **Dimensions:** 120x100x85 mm.
- Black box - Grey cover.

SERIES	EXECUTION	CODE
	N° POLES MAX	
SQ025 SQ032	4	BF3/FNGO



BF4/DNGO

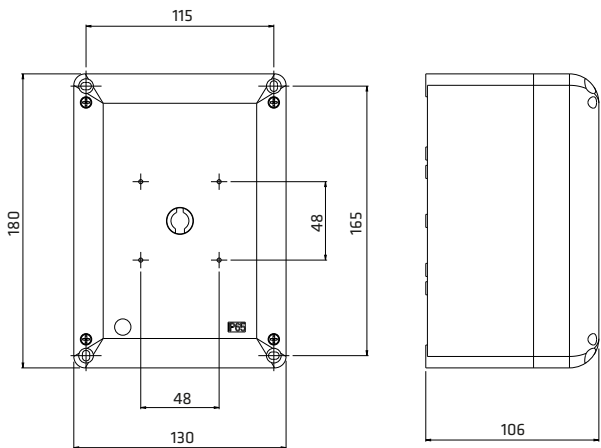
THERMOPLASTIC BOX

IP65



- Bodies - Base Mounting Type B.
- Arranged for nr. 4 M25/M32 cable glands.
- **Dimensions:** 130x180x106 mm.
- Black box - Grey cover.

SERIES	EXECUTION	CODE
	N° POLES MAX	
SQ025 SQ032	6	BF4/DNGO
SQ040 SQ063	4	



METAL ENCLOSURES

BNA/ONGA

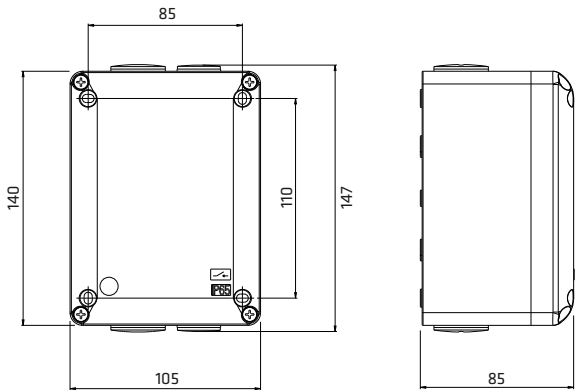
METAL BOX
COVER WITHOUT HOLES

IP65



- 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.

SERIES	EXECUTION	CODE
	N° POLES MAX	
SQ025 SQ032	4	BNA/ONGA
SQ040 SQ063	3	



BNA/ENGA

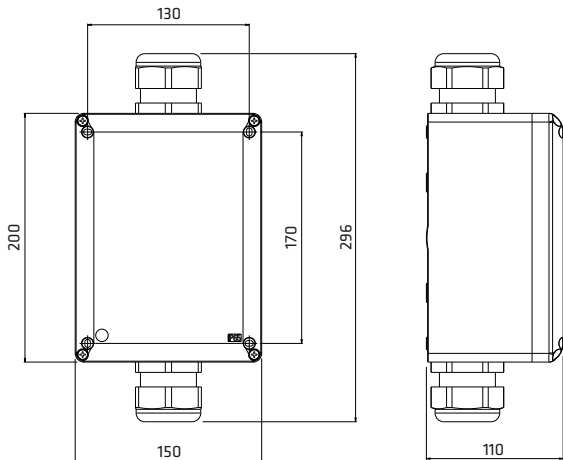
METAL BOX
COVER WITHOUT HOLES

IP65



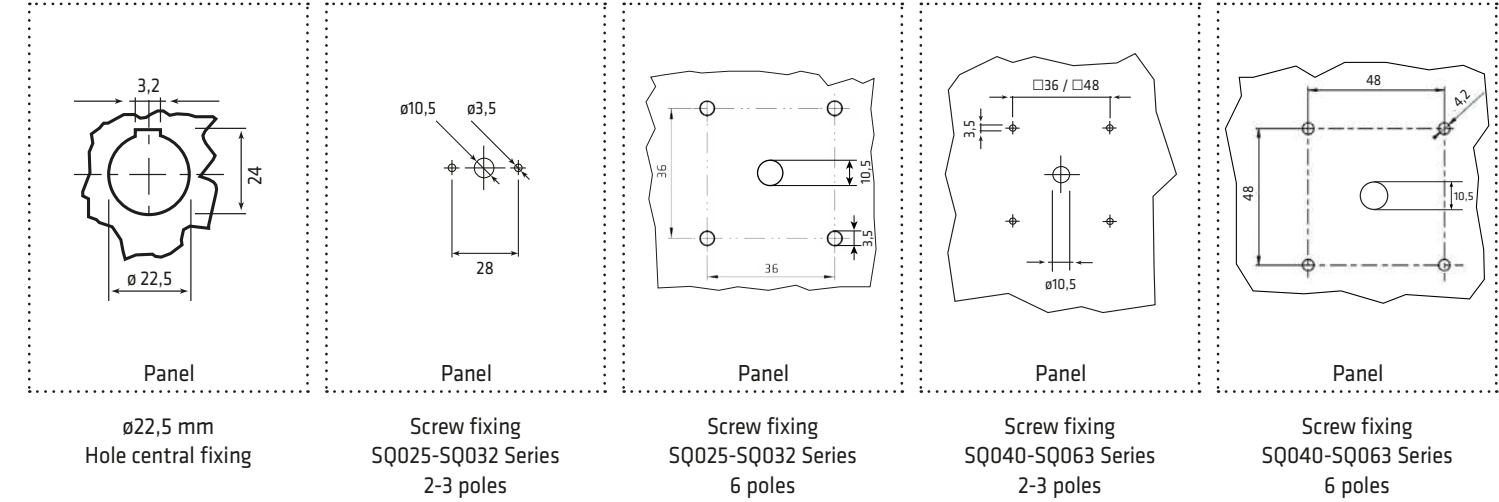
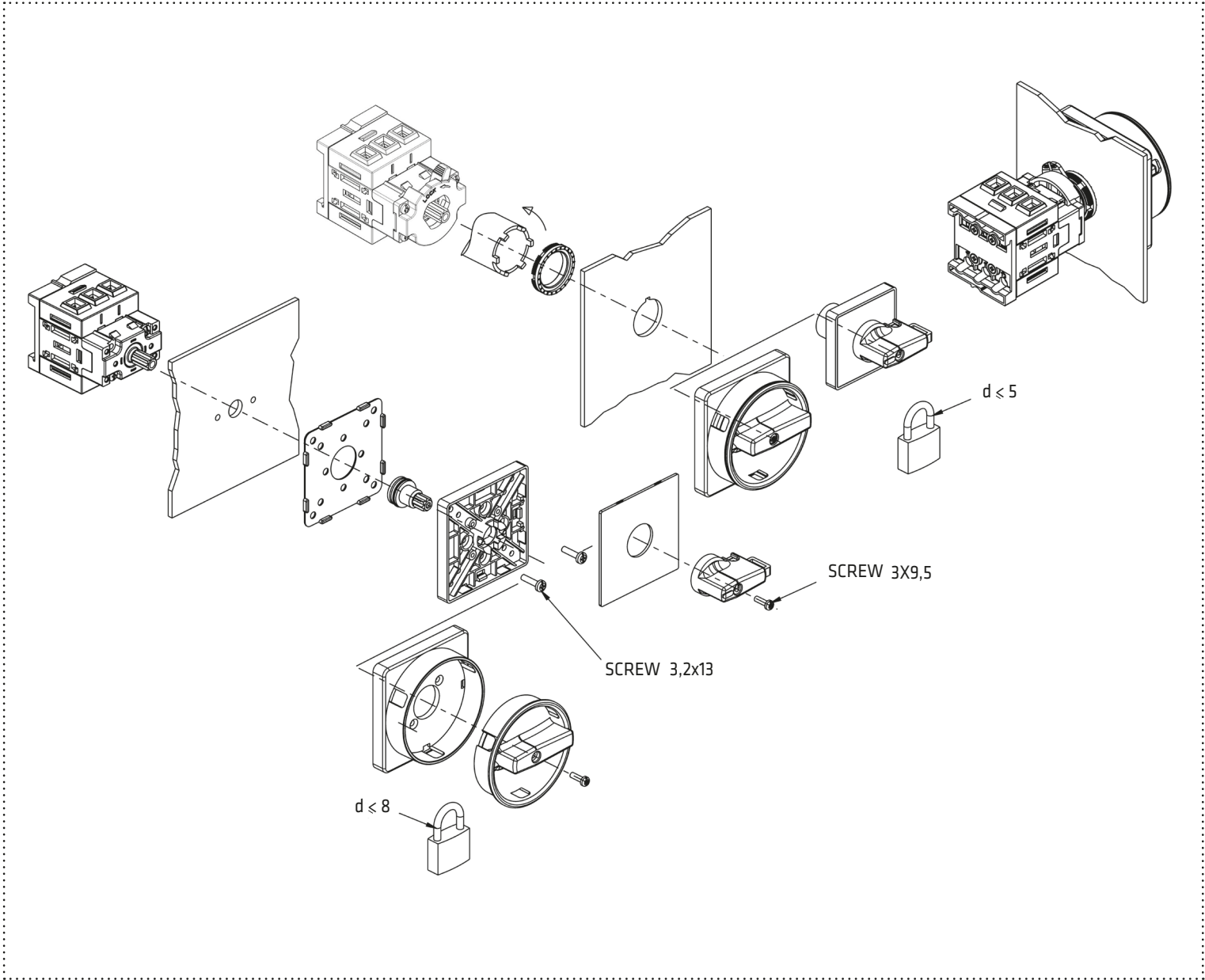
- Bodies - Panel Mounting Type R and Base Mounting Type B.
- Complete with nr. 2 M40 cable glands.
- **Dimensions:** 150x200x110 mm.
- Black box - Grey cover.

SERIES	EXECUTION	CODE
	N° POLES MAX	
SQ040 SQ063	4	BNA/ENGA

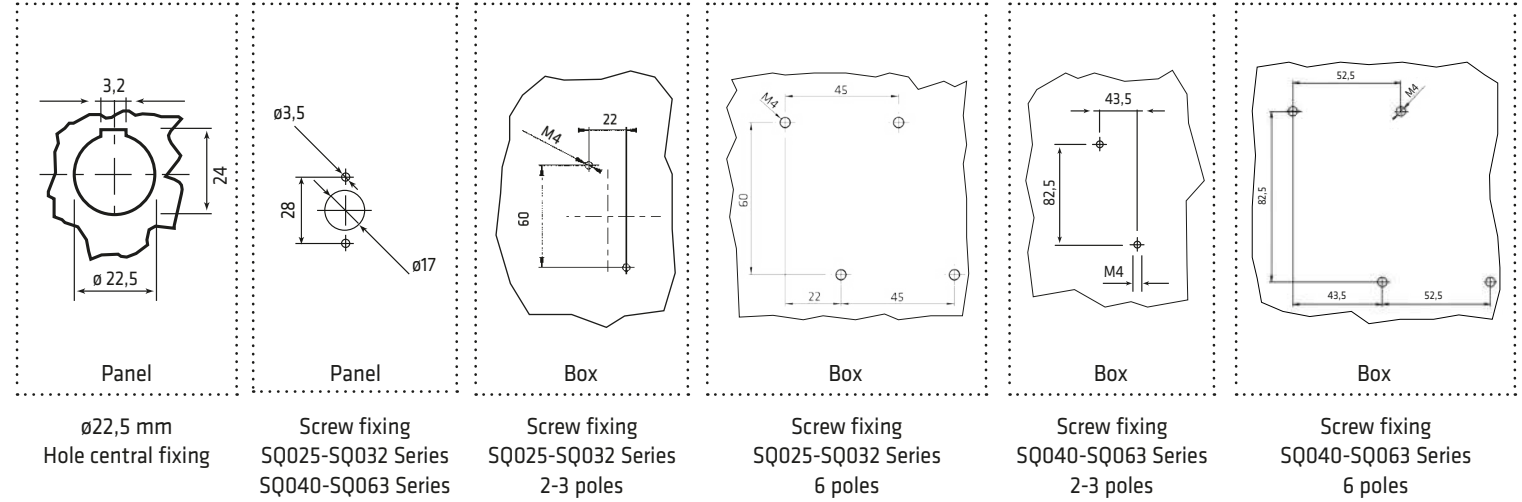
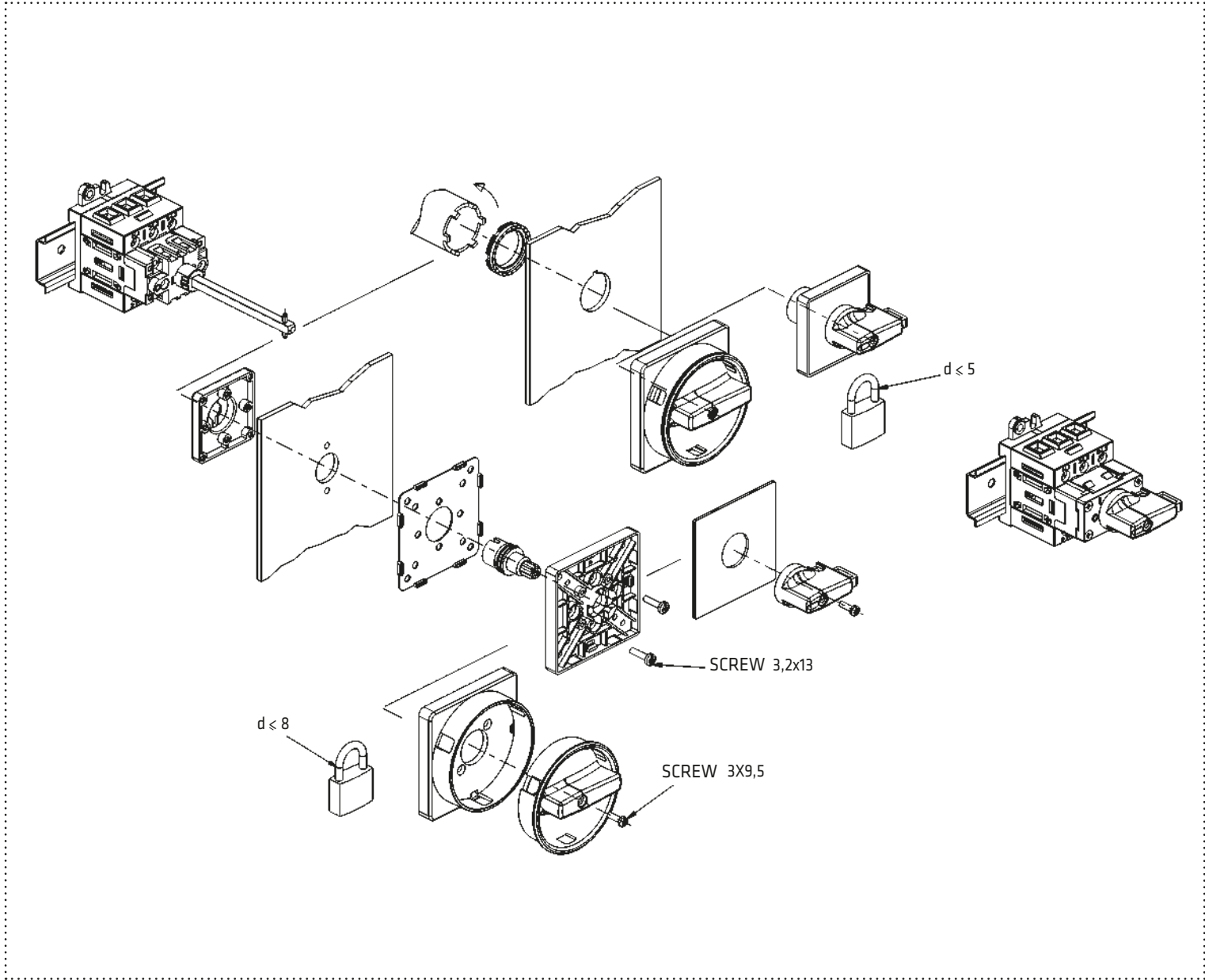




PANEL MOUNTING



BASE MOUNTING





GIOVENZANA
INTERNATIONAL B.V.



GIOVENZANA
INTERNATIONAL B.V.



REGOLUS SWITCH DISCONNECTORS
SQL Series

PANEL MOUNTING

Dimensions and details of fixing holes

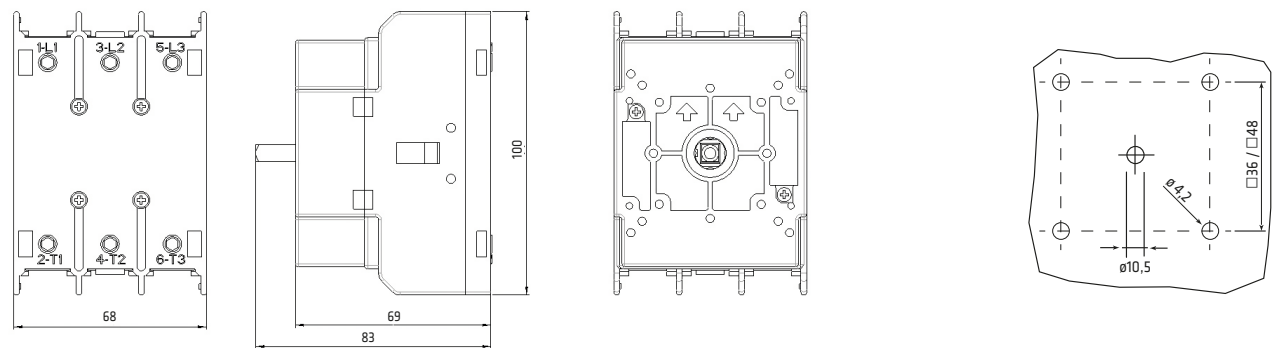
TYPE R



- Screw fixing.
- See page 51 for combinable actuators.

SERIES	AC-21A	AC-23A	CODE
	AMP. 690V	AMP. 400V	3 POLES
SQN125	125	125	SQN125003R
SQN160	160	160	SQN160003R

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



BASE MOUNTING

Dimensions and details of fixing holes

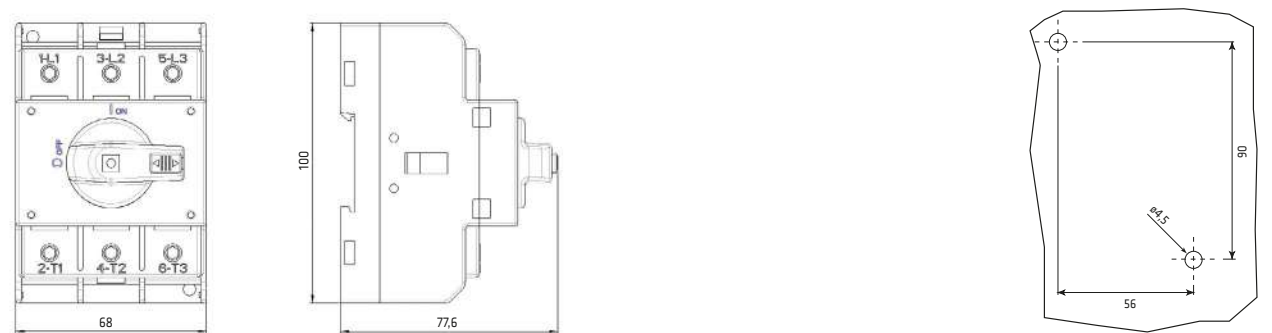
TYPE B



- Direct command and Door Locking
- Fixing box DIN RAIL DIN-EN 50022-35.
- Black knob locking (1 lock) in "0-OFF" position.
- See page 51 for combinable actuators.

SERIES	AC-21A	AC-23A	CODE
	AMP. 690V	AMP. 400V	3 POLES
SQN125	125	125	SQN125003B
SQN160	160	160	SQN160003B

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



SWITCH D. 6 POLES & CHANGEOVERS 3 POLES

Dimensions and details of fixing holes

TYPE R



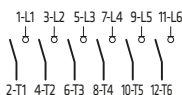
- Screw fixing.
- See page 51 for combinable actuators.

SERIES	AC-21A	AC-23A	PANEL MOUNTING CODE	
	AMP. 690V	AMP. 400V	6 POLES	CHANGEOVER 3 POLES
SQN125	125	125	SQN125006R	SQN125033R
SQN160	160	160	SQN160006R	SQN160033R

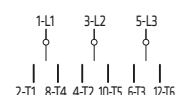
90°



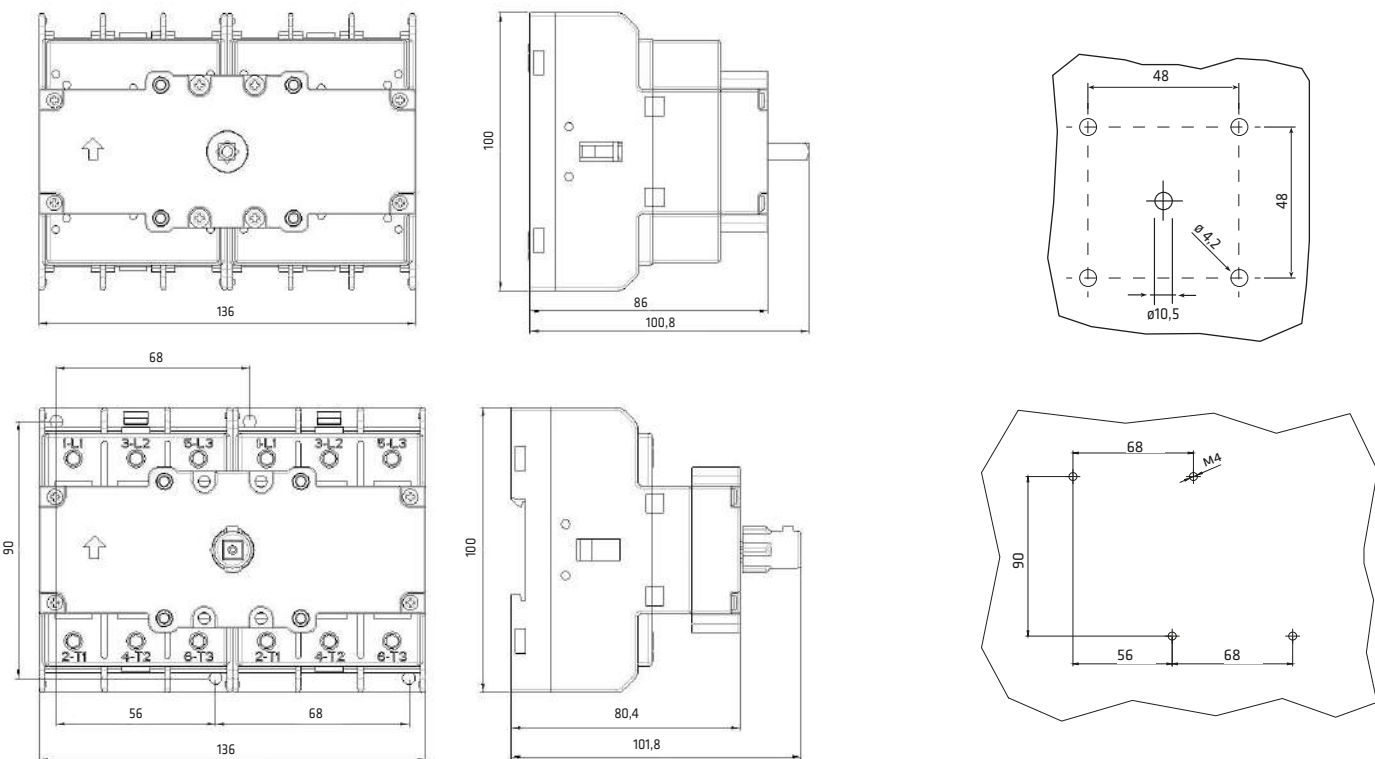
6 POLES



3 POLES



SERIES	AC-21A	AC-23A	BASE MOUNTING CODE	
	AMP. 690V	AMP. 400V	6 POLI	CHANGEOVER 3 POLES
SQN125	125	125	SQN125006B	SQN125033B
SQN160	160	160	SQN160006B	SQN160033B



ADDITIONAL POLES

PANEL MOUNTING				BASE MOUNTING			
SERIES	DESCRIPTION	CODE	DIAGRAM	SERIES	DESCRIPTION	CODE	DIAGRAM
SQN125 SQN160	Additional Pole NO	SQN125AFPR SQN160AFPR	7 — 8	SQN125 SQN160	Additional Pole NO	SQN125AFPB SQN160AFPB	7 — 8
	4 th Pole (early make contact)	SQN125ANIR SQN160ANIR	N — N		4 th Pole (early make contact)	SQN125ANIB SQN160ANIB	N — N
	Neutral Terminal	SQN125ANPR SQN160ANPR	N — N		Neutral Terminal	SQN125ANPB SQN160ANPB	N — N
	Ground Terminal	SQN125APER SQN160APER	PE — PE		Ground Terminal	SQN125APEB SQN160APEB	PE — PE

AUXILIARY CONTACTS

PANEL MOUNTING				BASE MOUNTING			
SERIES	DESCRIPTION	CODE	DIAGRAM	SERIES	DESCRIPTION	CODE	DIAGRAM
SQN125 SQN160	AUX 1NC	SQ010AS5R	1 — 2 1NC	SQN125 SQN160	AUX 1NC	SQ010AS5B	1 — 2 1NC
	AUX 1NO	SQ010AS6R	3 — 4 1NO		AUX 1NO	SQ010AS6B	3 — 4 1NO

TERMINAL PROTECTION AND SHAFT EXTENSION

PANEL & BASE MOUNTING		BASE MOUNTING	
3 POLES	1 POLE	SHAFT EXTENSION □ 6 FOR DOOR INTERLOCK	
20900064	20900065	L 185 mm	20900010
		L 300 mm	20900011

SQN125 - SQN160 SERIES | EN 60529 - IP65 - UL50 Type 1 - 4 - 4x -12 [♦] Protection NEMA 4x.

ACTUATORS

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

SERIE	FRONT PLATE SIZE	PANEL MOUNTING TYPE R CODE	DOOR LOCKING TYPE B CODE ▶	LEGEND PLATE
SQN125 - SQN160	ø78	309/0001	311/0001	
		309/0008	311/0008	

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

SERIE	FRONT PLATE SIZE	PANEL MOUNTING TYPE R CODE	DOOR LOCKING TYPE B CODE ▶	LEGEND PLATE
SQN125 - SQN160	ø78	310/0001	312/0001	
		310/0008	312/0008	

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

SERIES	FRONT PLATE SIZE	PANEL MOUNTING TYPE R CODE	DOOR LOCKING TYPE B CODE ▶	LEGEND PLATE
SQN125 - SQN160	□67	319/0001 ♦	321/0001	
		319/0008 ♦	321/0008	

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

SERIES	FRONT PLATE SIZE	PANEL MOUNTING TYPE R CODE	DOOR LOCKING TYPE B CODE ▶	LEGEND PLATE
SQN125 - SQN160	□67	320/0001 ♦	322/0001	
		320/0008 ♦	322/0008	



COMPLETE DEVICES IN THERMOPLASTIC ENCLOSURE

SGN Series | THERMOPLASTIC | Heat resistant material

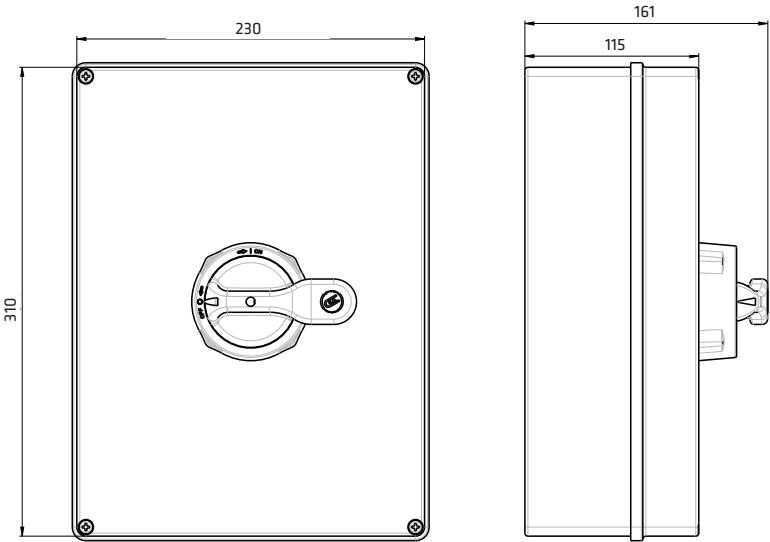
TF8

IP65

- Opening in "0" position.
- Red knob locking (Max 3 locks) in "0-OFF" position.
- Dimensions: 310x230x115mm.
- Grey box & cover.
- Red/yellow actuator.

SERIES	AC-21A	AC-23A	CODE
	AMP. 690V	AMP. 400V	3 POLES
SQN125	125	125	SQN125003BTF8
SQN160	160	160	SQN160003BTF8

3 POLES



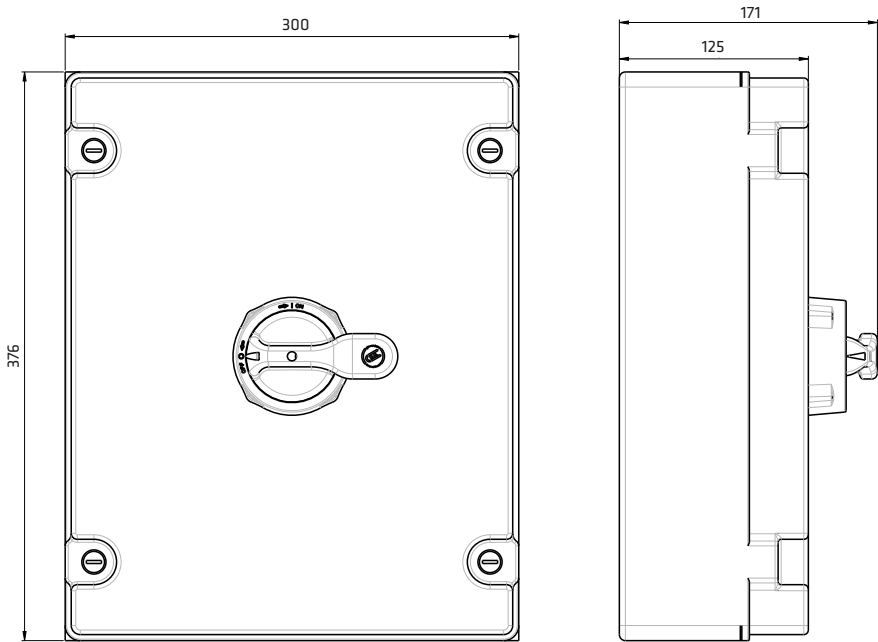
TF4

IP65

- Opening in "0" position.
- Red knob locking (Max 3 locks) in "0-OFF" position.
- Dimensions: 376x300x125mm.
- Grey box & cover.
- Red/yellow actuator.

SERIES	AC-21A	AC-23A	CODE
	AMP. 690V	AMP. 400V	6 POLES
SQN125	125	125	SQN125006BTF4
SQN160	160	160	SQN160006BTF4

6 POLES

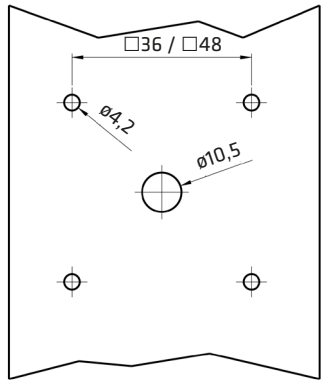
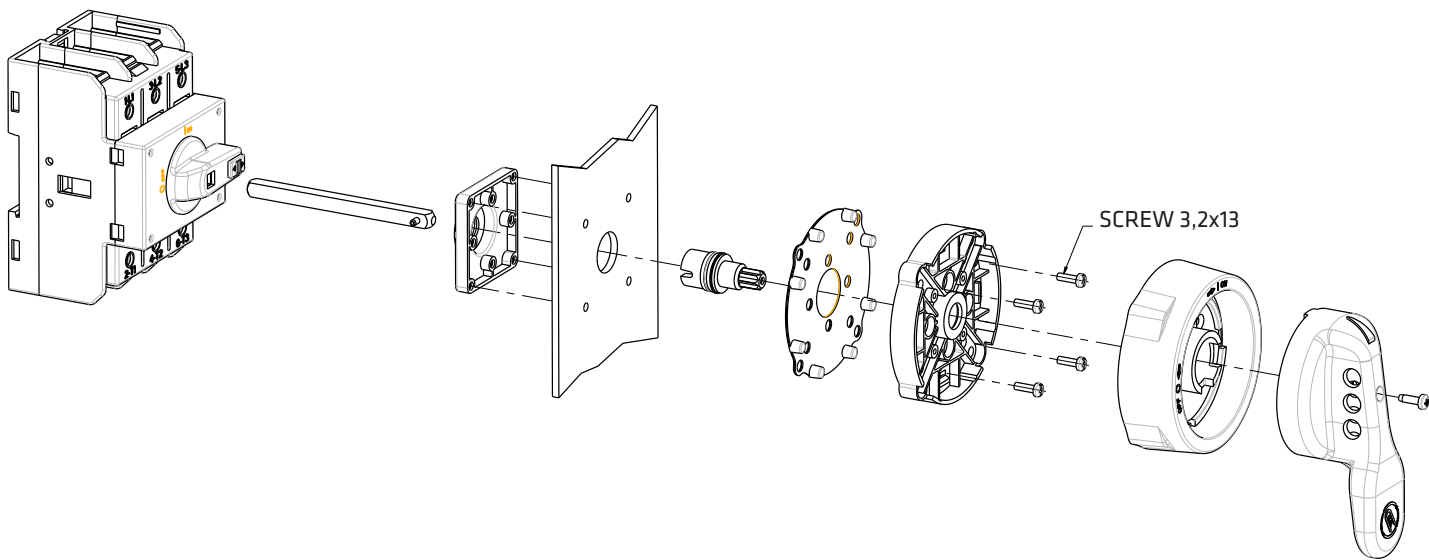
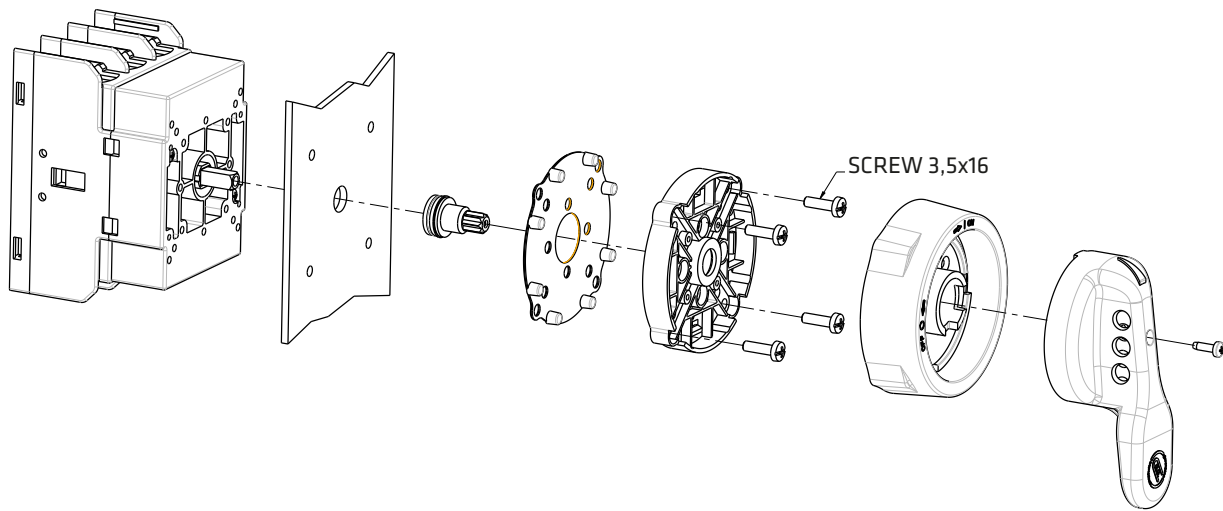


► AVAILABLE ON REQUEST ALSO METAL AND STAINLESS STEEL ENCLOSURES.



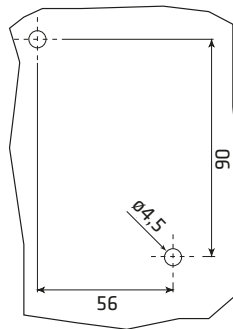
PANEL MOUNTING

BASE MOUNTING



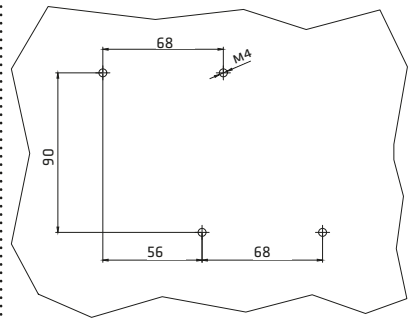
Panel

Screw fixing
3-6 poles



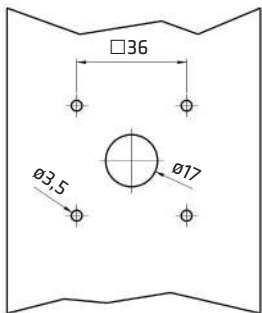
Base

Screw fixing
3 poles



Base

Screw fixing
6 poles



Panel

Screw fixing
3-6 poles



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GIOVENZANA
INTERNATIONAL B.V.



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 at 120 operations per hour		nr. of cycles	100.000		100.000			1.500.000
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

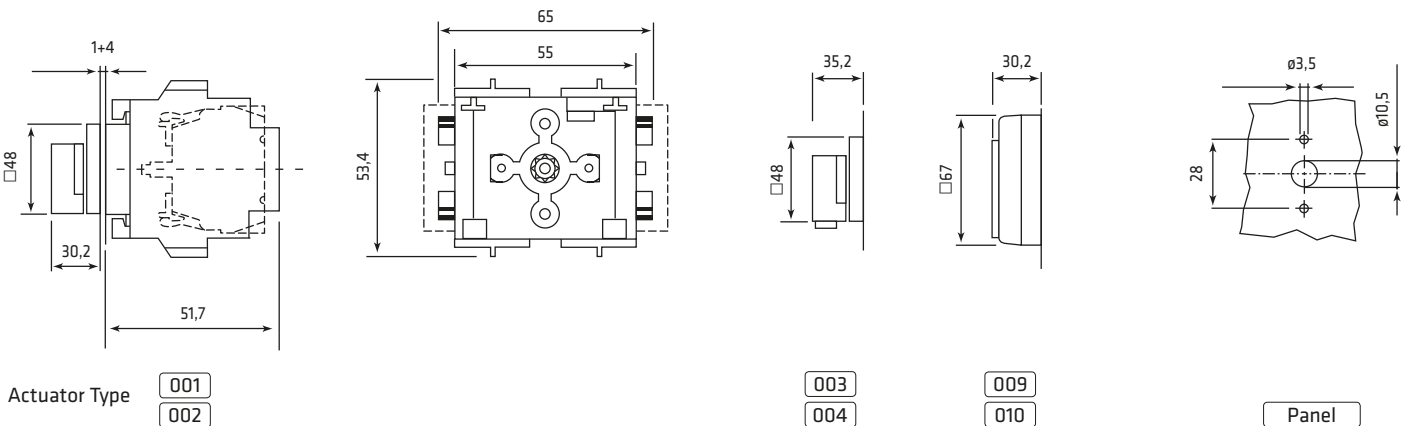
TYPE R



- 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



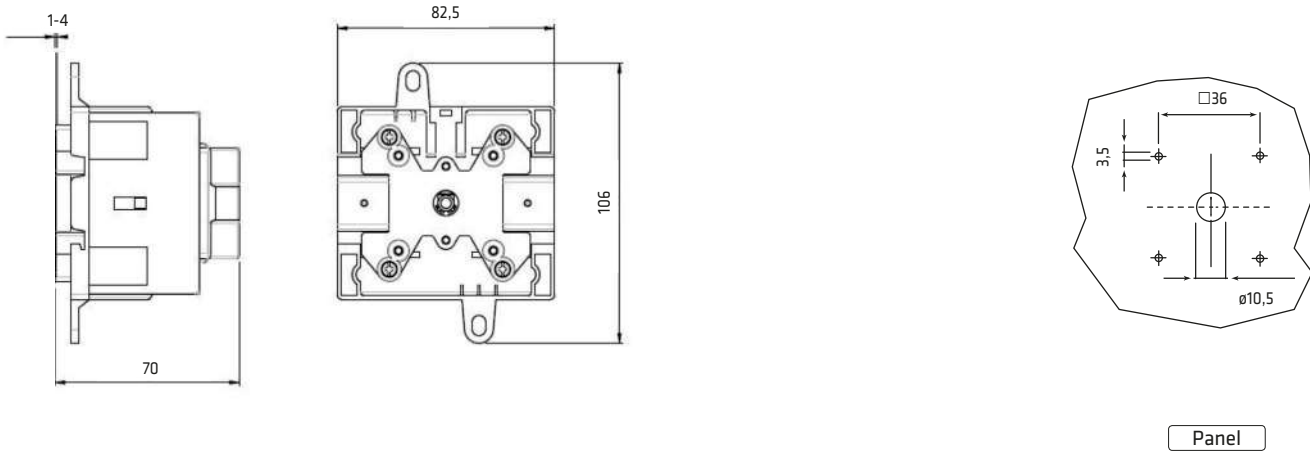
TYPE R



- 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



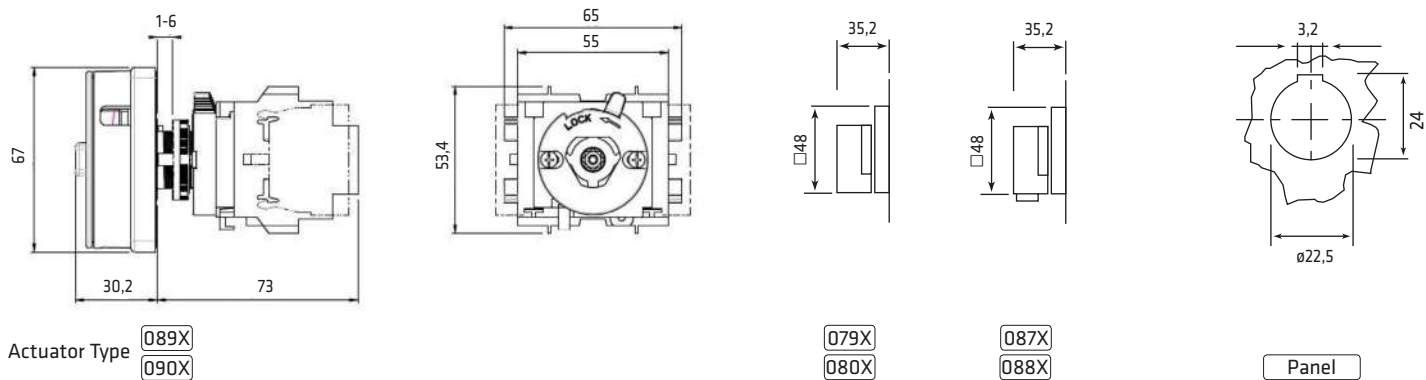
TYPE X



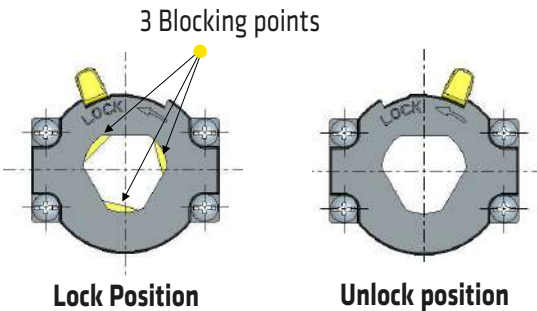
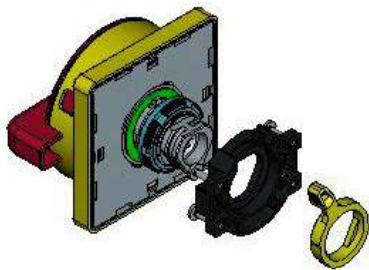
- Central fixing hole $\varnothing 22,5$ mm.
- See page 72 for combinable actuators.

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

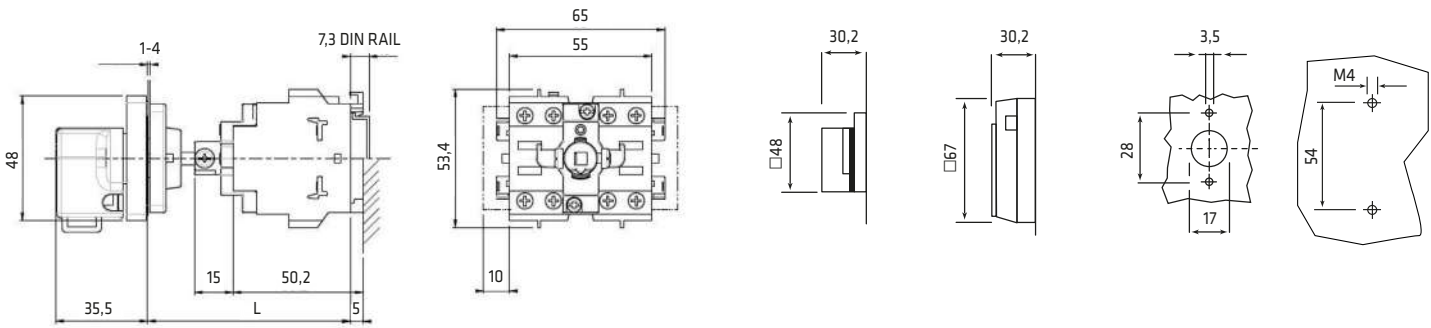


- Fixing box DIN RAIL DIN-EN 50022-35.
- Suitable for Door locking actuators.
- See page 69 and 73 for combinable actuators.

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

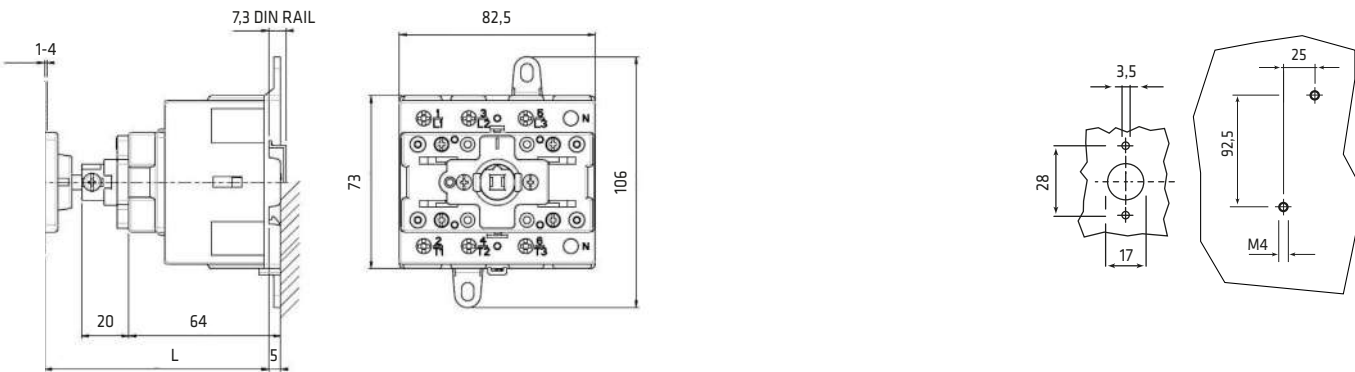


- Fixing box DIN RAIL DIN-EN 50022-35.
- Suitable for Door locking actuators.
- See page 71 for combinable actuators.

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

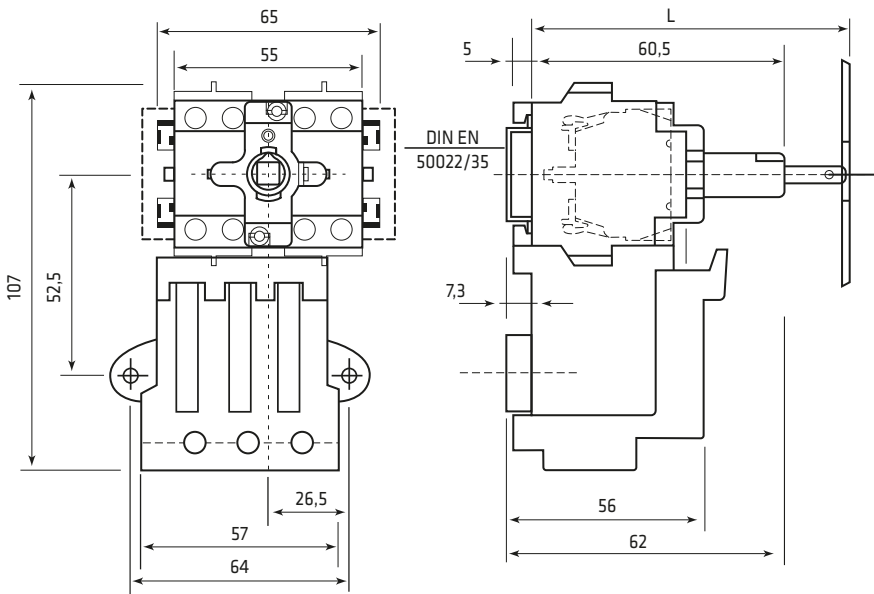


- Fixing box DIN RAIL DIN-EN 50022-35.
- Suitable for Door locking actuators.
- Sectionable fuses-holders.
- For cylindrical fuses 10,3x38 mm UL.

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

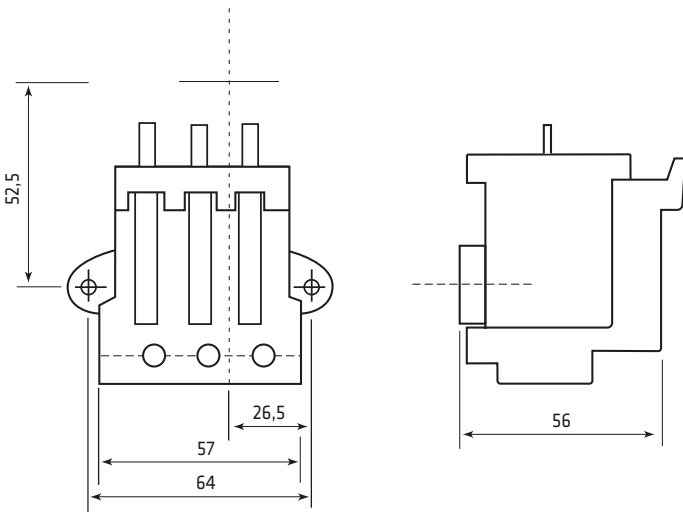
For TYPE B Box



- 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



SE 16 - SE32

11814005

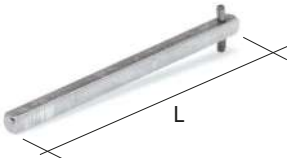
BOX SHAFT BF 1/1NGO



SE 16 - SE32

11706237

SHAFT EXTENSION FOR DOOR INTERLOCK



	□5	□6
	SE 16 - 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



SE 16 - SE32

CODE	DIAGRAM
PL004001	1NC 1 — 2
PL004002	1NO 3 — 4

AUXILIARY CONTACTS FIXING PLATE



SE 16 - SE32

11814021

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

THERMOPLASTIC ENCLOSURES

BF 1/1NGO



THERMOPLASTIC BOX
IP65 □

- For bodies Base Mounting type B.
- Arranged for nr. 8 Pg16 - M20 cable glands.
- Dimensions:** 120x100x85 mm.
- Black box - Grey cover.

SERIES	CODE
SE16	BF1/1NGO
SE32	

Order also:
Shaft > 11706237
Plate support > 11814005

BF 1/2NGO



THERMOPLASTIC BOX
IP65 □

- For bodies Panel Mounting type R.
- Arranged for nr. 8 Pg16 - M20 cable glands.
- Dimensions:** 120x100x85 mm.
- Black box - Grey cover.

SERIES	CODE
SE16	BF1/2NGO
SE32	

BN 1/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.

SERIES	CODE
SE16	BN1/ONGO
SE32	

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.

SERIES	CODE
SE16	BNA/ONGA
SE32	



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	<table><tr><th>SERIES</th><th>FRONT PLATE SIZE</th><th>CODE PANEL MOUNTING TYPE R</th><th>LEGEND PLATE</th></tr><tr><td>SE16 - SE32</td><td>□48</td><td>001/0001</td><td></td></tr></table>	SERIES	FRONT PLATE SIZE	CODE PANEL MOUNTING TYPE R	LEGEND PLATE	SE16 - SE32	□48	001/0001		<table><tr><th>SERIES</th><th>FRONT PLATE SIZE</th><th>CODE DOOR LOCKING TYPE B ▶</th><th>LEGEND PLATE</th></tr><tr><td>SE16 - SE32</td><td>□48</td><td>020/0001</td><td></td></tr></table>	SERIES	FRONT PLATE SIZE	CODE DOOR LOCKING TYPE B ▶	LEGEND PLATE	SE16 - SE32	□48	020/0001	
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SE16 - SE32	□48	020/0001																	
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► 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 ♦	

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



➤ 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	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

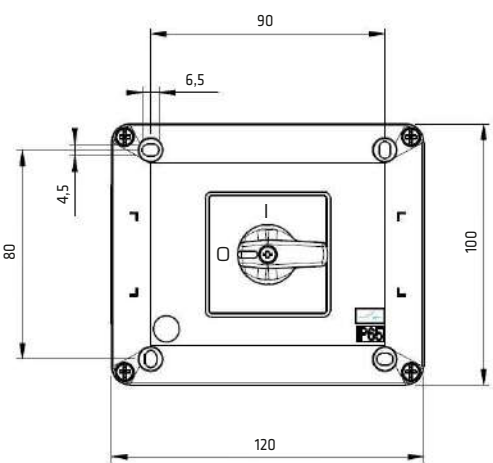
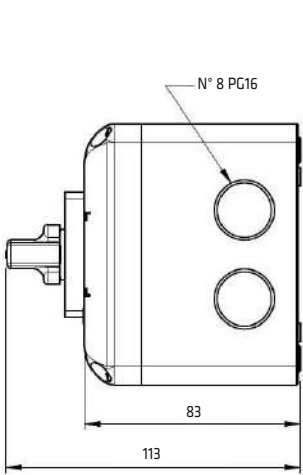


- Opening in "0" position.
- Arranged for nr. 8 Pg16 cable glands of which nr. 2 on the bottom.
- **Dimensions:** 120x100x85 mm.
- Black box - Grey cover - Black knob.

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

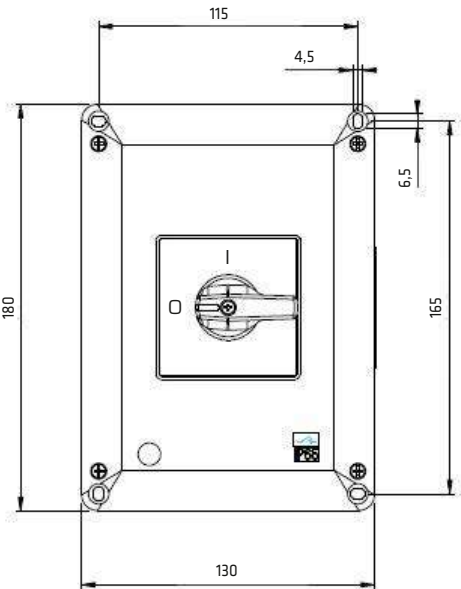
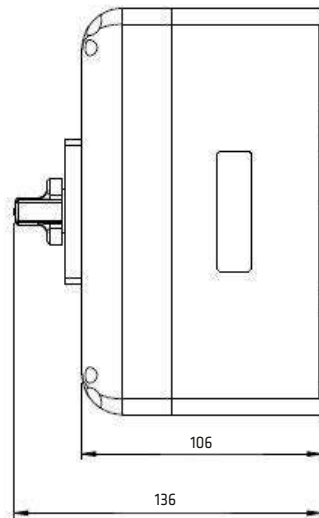


- Opening in "0" position.
- Arranged for nr. 4 cable glands M25/M32 + nr. 2 closed holes ø22,5 mm on the bottom.
- **Dimensions:** 130x180x106 mm.
- Black box - Grey cover - Black knob.

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

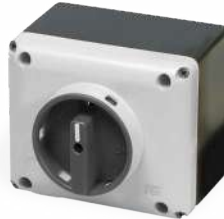
3 POLES
1-L1 3-L2 5-L3
2-T1 4-T2 6-T3

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



C09

IP65

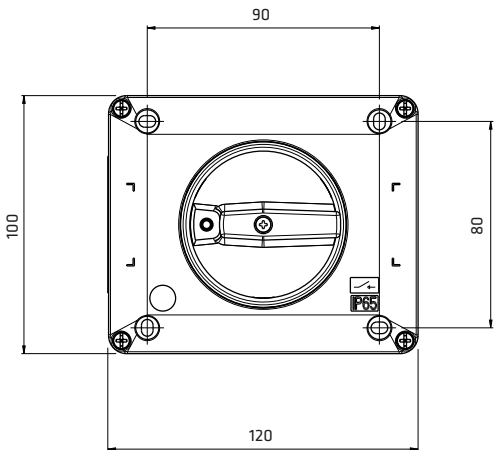
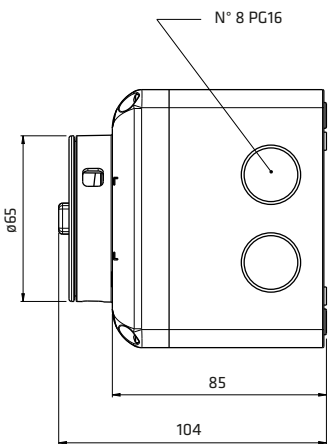


- Opening in "0" position.
- Arranged for nr. 8 Pg16 cable glands of which nr. 2 on the bottom.
- With locking facility in "0 - OFF" (Max 3 locks)
- **Dimensions:** 120x100x85 mm.
- Black box - Grey cover - Black knob.

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



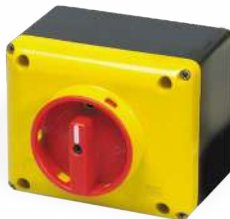


COMPLETE DEVICES IN THERMOPLASTIC ENCLOSURE

SE Series | THERMOPLASTIC | Heat resistant material

C10

IP65

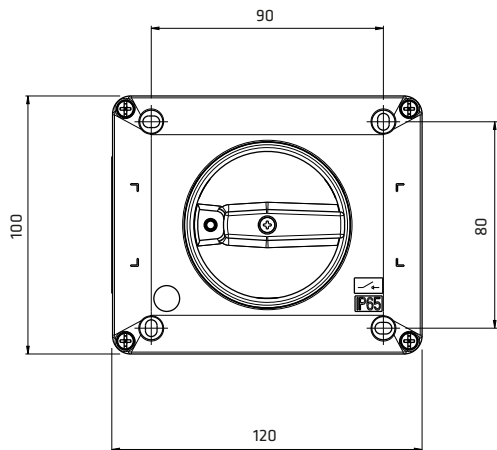
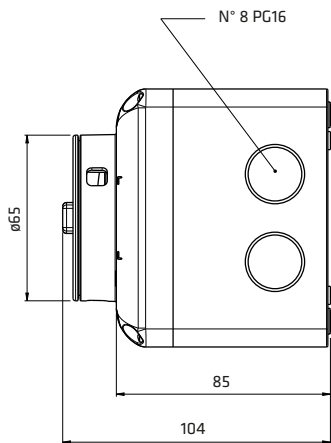


- Opening in "0" position.
- Arranged for nr. 8 Pg16 cable glands of which nr. 2 on the bottom.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 120x100x85 mm.
- Black box - Yellow cover - Red knob.

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

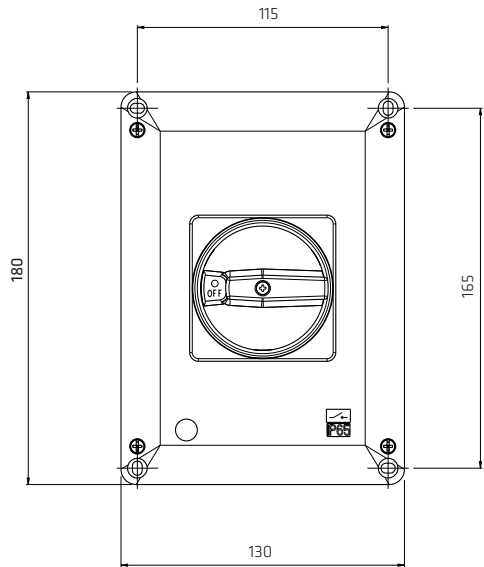
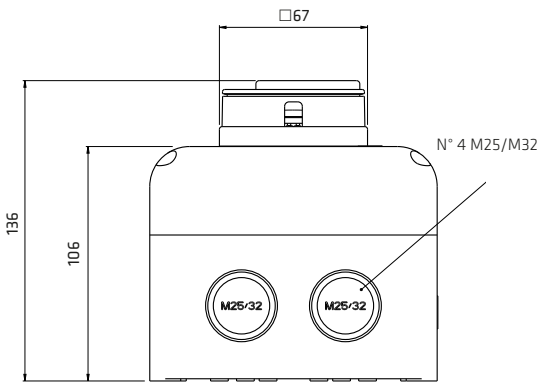


- Opening in "0" position.
- Arranged with nr. 4 cable glands M25/M32 + nr. 2 closed holes ø22,5 mm on the bottom.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 130x180x106 mm.
- Black box - Grey cover - Black knob.

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

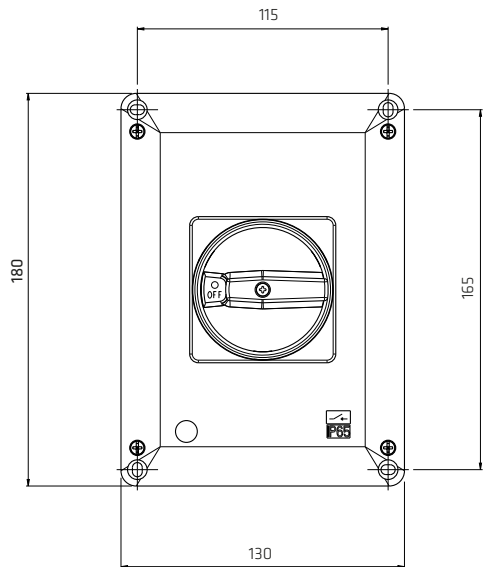
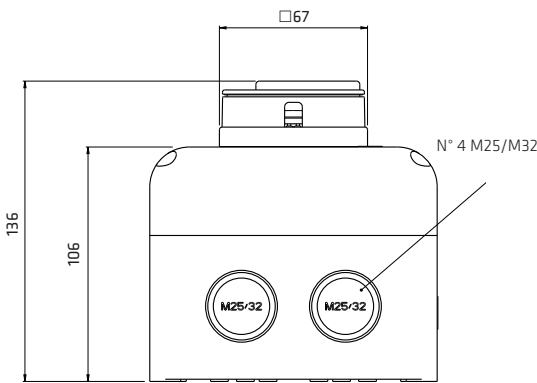


- Opening in "0" position.
- Arranged with nr. 4 cable glands M25/M32 + nr. 2 closed holes ø22,5 mm on the bottom.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 130x180x106 mm.
- Black box - Yellow cover - Red knob.

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

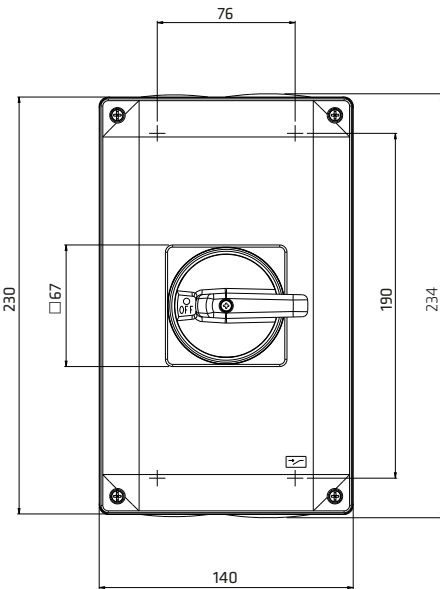
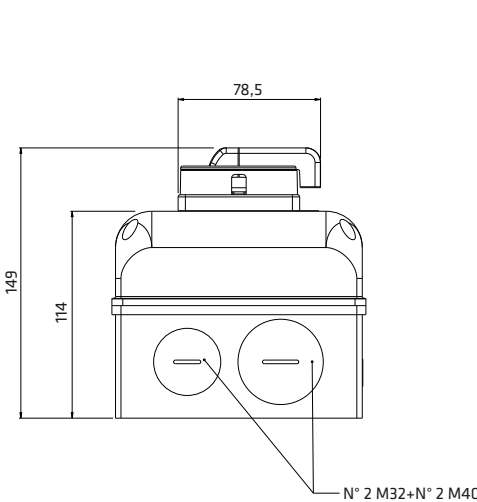


- Opening in "0" position.
- Complete with nr. 2 M32 and nr. 2 M40 cable glands plugs.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 140x230x114 mm
- Black box - Yellow cover - Red knob.
- UL Approval.

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

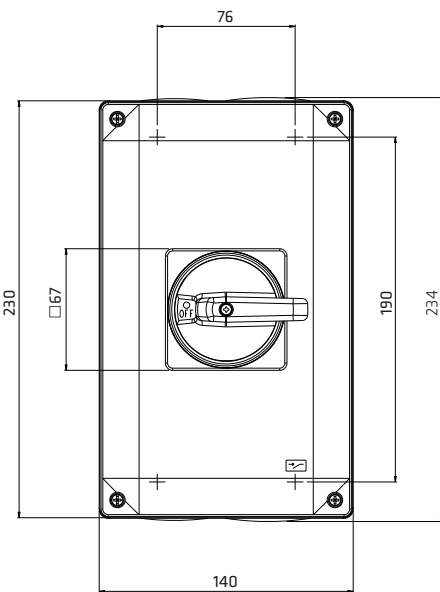
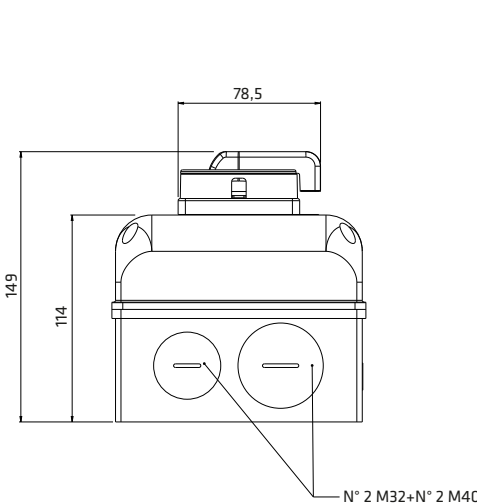


- Opening in "0" position.
- Complete with nr. 2 M32 and nr. 2 M40 cable glands plugs.
- With locking facility in "0 - OFF" (Max 3 locks).
- **Dimensions:** 140x230x114 mm.
- Black box - Grey cover - Black knob.
- UL Approval.

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

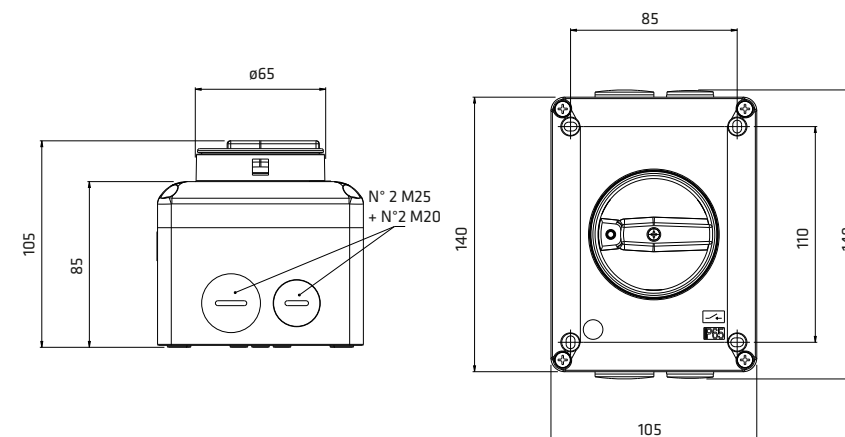
IP65 □



- 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

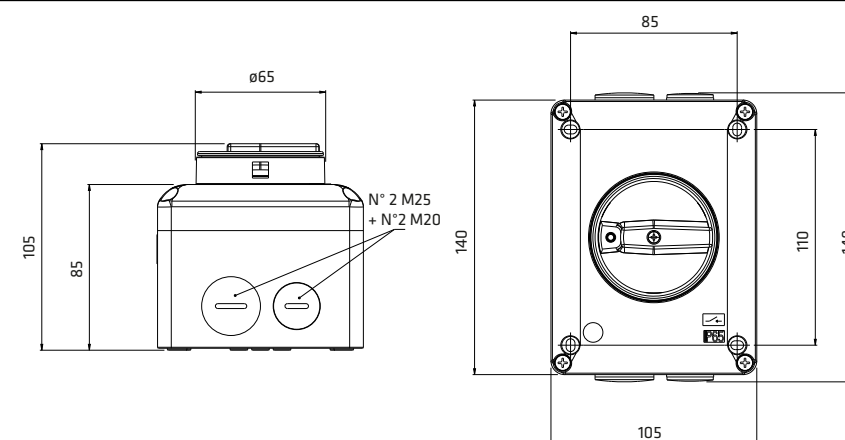
IP65 □



- 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

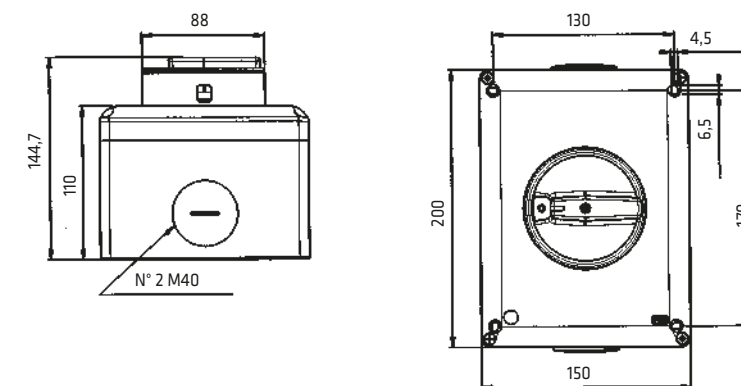
IP65 □



- 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

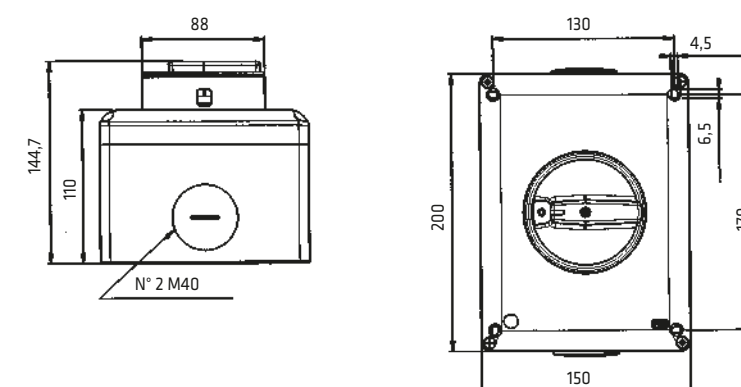
IP65 □



- 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.

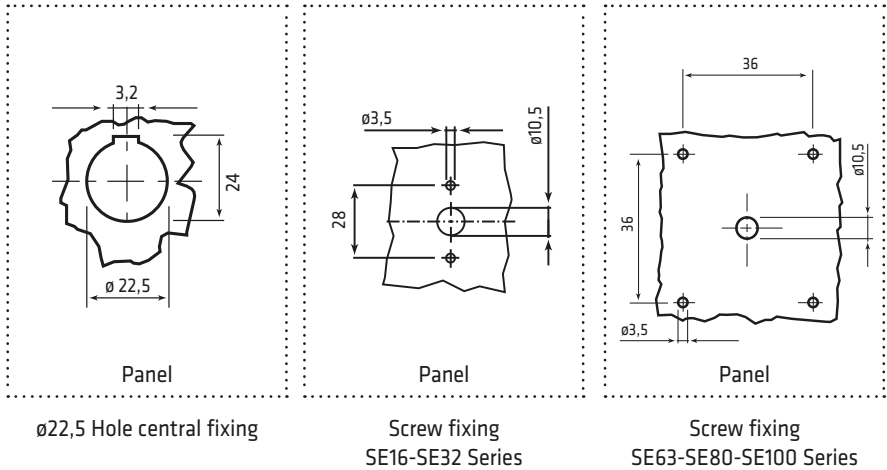
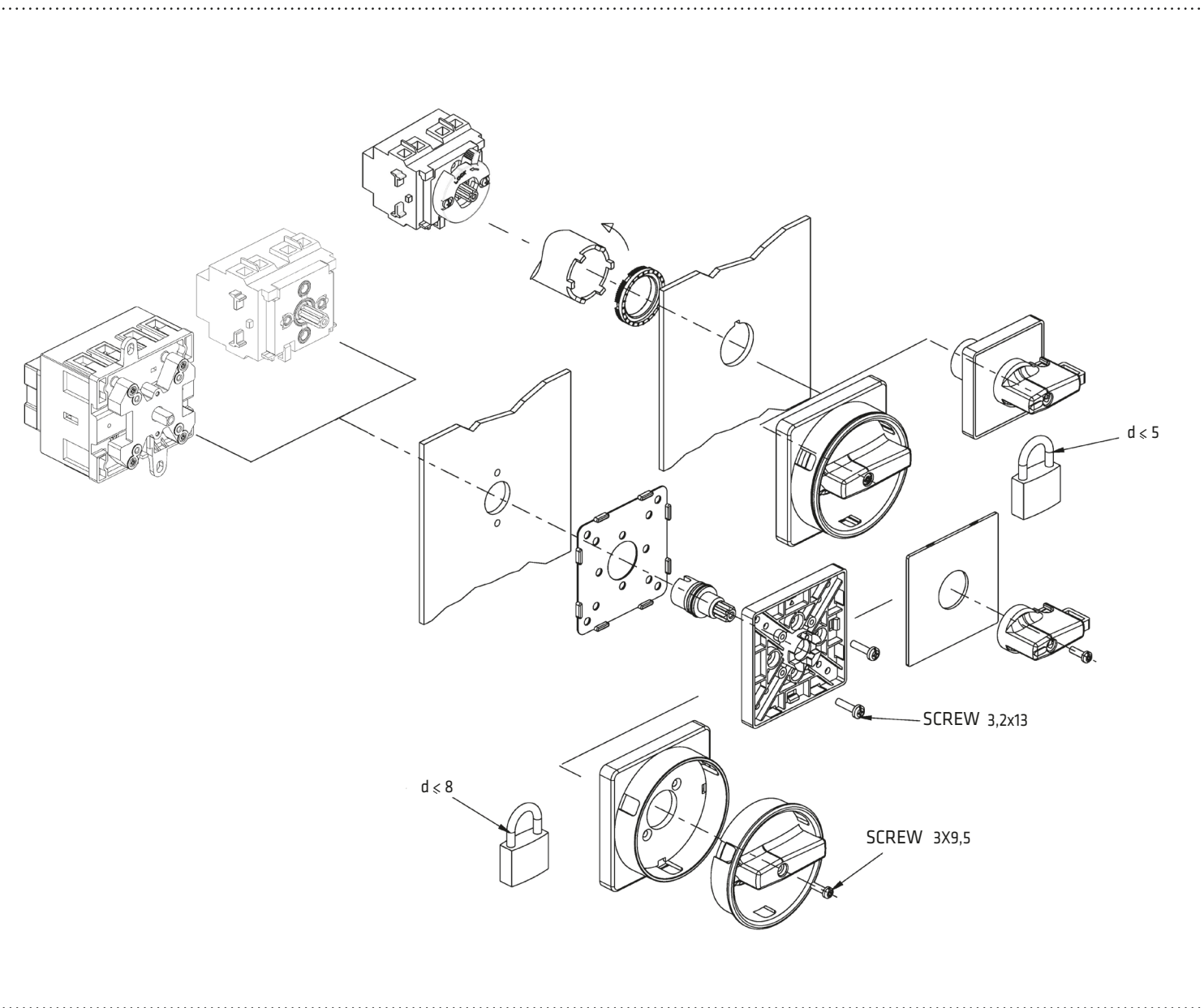
SERIES	AC-21A	AC-23A	CODE	
	AMP. 690V	AMP. 400V	3 POLES	4 POLES
SE63	63	50	SE630003BAB0	SE630004BAB0
SE80	80	60	SE800003BAB0	SE800004BAB0
SE100	100	67	SE100003BAB0	SE100004BAB0

3 POLES	4 POLES

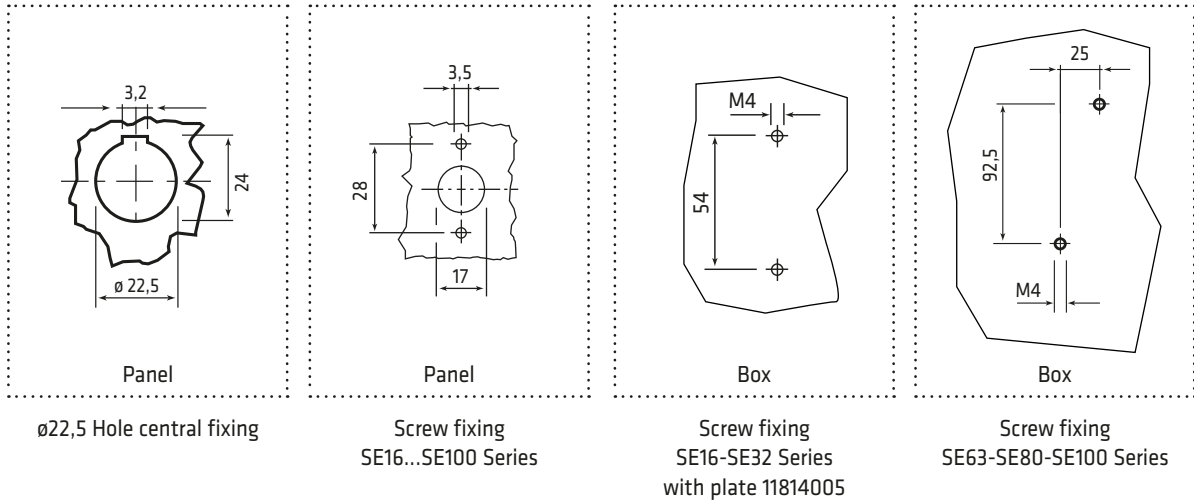
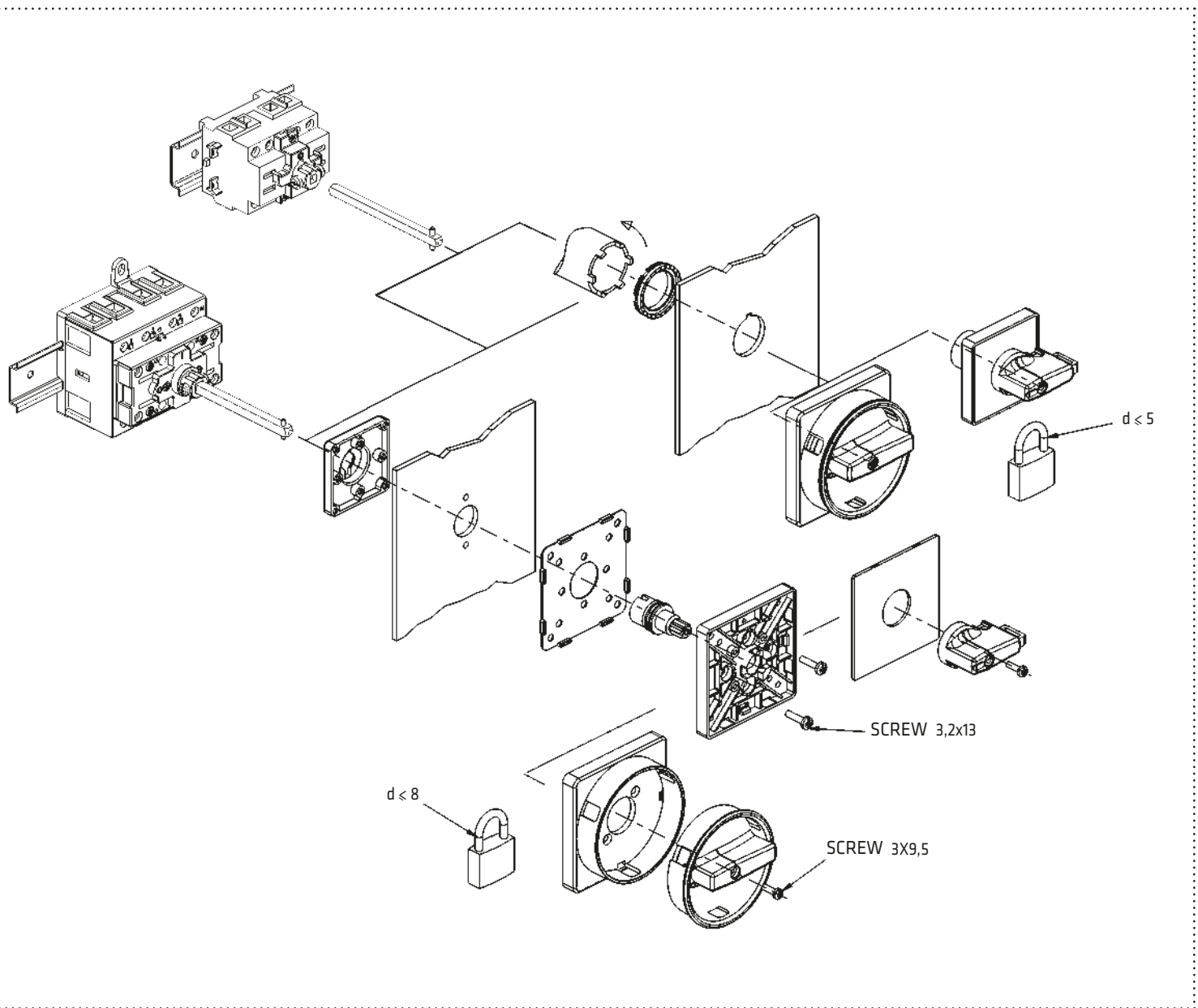




PANEL MOUNTING



BASE MOUNTING





Automation Technologies

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



NOTES

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Dubai U.A.E. - Office and Logistic Hub for ME and FE included China, India, Oceania, Africa

BRASIL