

SWITCH DISCONNECTORS SERIES 66

MAIN TECHNICAL FEATURES:

- Boxes made of shock resistant halogen free technopolymer on ABS base.
- Knob padlock (3 padlocks), Lock lid in position "ON", Turning angle 90°.
- Rated operational voltage U_e : 690V, Insulation voltage U_i : 690V, 50/60 Hz.
- Mechanical durability 120 cycles per hour: 100.000 cycles.
- Earth and neutral through terminal blocks.
- Knockouts for conduit entry: 16-20-32-40A 2x \varnothing 20/25 mm; 63-80-100A 2x \varnothing 25/32 mm.
- Resistance to abnormal heat box: up to 650° C (Glow Wire Test IEC 60695-2-11 standard).
- Reference standard: EC947-3, EN60947-3, UL508.
- Double insulation and screw cover caps included.



IP65

GREY RAL 7035

Command switches - grey/black Knob

ITEM	DESCRIPTION	DIMENSIONS mm	PACKAGING PIECES
EC660162M	Command switches 16A - 2 poles ■ ■	155x115x105	1/24
EC660163M	Command switches 16A - 3 poles ■ ■ ■	155x115x105	1/24
EC660164M	Command switches 16A - 4 poles ■ ■ ■ ■	155x115x105	1/24
EC660202M	Command switches 20A - 2 poles ■ ■	155x115x105	1/24
EC660203M	Command switches 20A - 3 poles ■ ■ ■	155x115x105	1/24
EC660204M	Command switches 20A - 4 poles ■ ■ ■ ■	155x115x105	1/24
EC660322M	Command switches 32A - 2 poles ■ ■	155x115x105	1/24
EC660323M	Command switches 32A - 3 poles ■ ■ ■	155x115x105	1/24
EC660324M	Command switches 32A - 4 poles ■ ■ ■ ■	155x115x105	1/24
EC660402M	Command switches 40A - 2 poles ■ ■	155x115x105	1/24
EC660403M	Command switches 40A - 3 poles ■ ■ ■	155x115x105	1/24
EC660404M	Command switches 40A - 4 poles ■ ■ ■ ■	155x115x105	1/24
EC660632M	Command switches 63A - 2 poles ■ ■	205x155x125	1/10
EC660633M	Command switches 63A - 3 poles ■ ■ ■	205x155x125	1/10
EC660634M	Command switches 63A - 4 poles ■ ■ ■ ■	205x155x125	1/10
EC660802M	Command switches 80A - 2 poles ■ ■	205x155x125	1/10
EC660803M	Command switches 80A - 3 poles ■ ■ ■	205x155x125	1/10
EC660804M	Command switches 80A - 4 poles ■ ■ ■ ■	205x155x125	1/10
EC661003M	Command switches 100A - 3 poles ■ ■ ■	205x155x125	1/10
EC661004M	Command switches 100A - 4 poles ■ ■ ■ ■	205x155x125	1/10



EC660162M

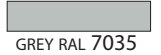


EC660632M

SWITCH DISCONNECTORS **SERIES 66**

MAIN TECHNICAL FEATURES:

- Boxes made of shock resistant halogen free technopolymer on ABS base.
- Knob padlock (3 padlocks), Lock lid in position "ON", Turning angle 90°.
- Rated operational voltage Ue: 690V, Insulation voltage Ui: 690V, 50/60 Hz.
- Mechanical durability 120 cycles per hour: 100.000 cycles.
- Earth and neutral through terminal blocks.
- Knockouts for conduit entry: 16-20-32-40A 2x Ø 20/25 mm; 63-80-100A 2x Ø 25/32 mm.
- Resistance to abnormal heat box: up to 650° C (Glow Wire Test IEC 60695-2-11 standard).
- Reference standard: EC947-3, EN60947-3, UL508.
- Double insulation and screw cover caps included.


IP65


Safety switches - red/yellow Knob

ITEM	DESCRIPTION	DIMENSIONS mm	PACKAGING PIECES
EC660162E	Safety switches 16A - 2 poles	155x115x105	1/24
EC660163E	Safety switches 16A - 3 poles	155x115x105	1/24
EC660164E	Safety switches 16A - 4 poles	155x115x105	1/24
EC660202E	Safety switches 20A - 2 poles	155x115x105	1/24
EC660203E	Safety switches 20A - 3 poles	155x115x105	1/24
EC660204E	Safety switches 20A - 4 poles	155x115x105	1/24
EC660322E	Safety switches 32A - 2 poles	155x115x105	1/24
EC660323E	Safety switches 32A - 3 poles	155x115x105	1/24
EC660324E	Safety switches 32A - 4 poles	155x115x105	1/24
EC660402E	Safety switches 40A - 2 poles	155x115x105	1/24
EC660403E	Safety switches 40A - 3 poles	155x115x105	1/24
EC660404E	Safety switches 40A - 4 poles	155x115x105	1/24
EC660632E	Safety switches 63A - 2 poles	205x155x125	1/10
EC660633E	Safety switches 63A - 3 poles	205x155x125	1/10
EC660634E	Safety switches 63A - 4 poles	205x155x125	1/10
EC660802E	Safety switches 80A - 2 poles	205x155x125	1/10
EC660803E	Safety switches 80A - 3 poles	205x155x125	1/10
EC660804E	Safety switches 80A - 4 poles	205x155x125	1/10
EC661003E	Safety switches 100A - 3 poles	205x155x125	1/10
EC661004E	Safety switches 100A - 4 poles	205x155x125	1/10

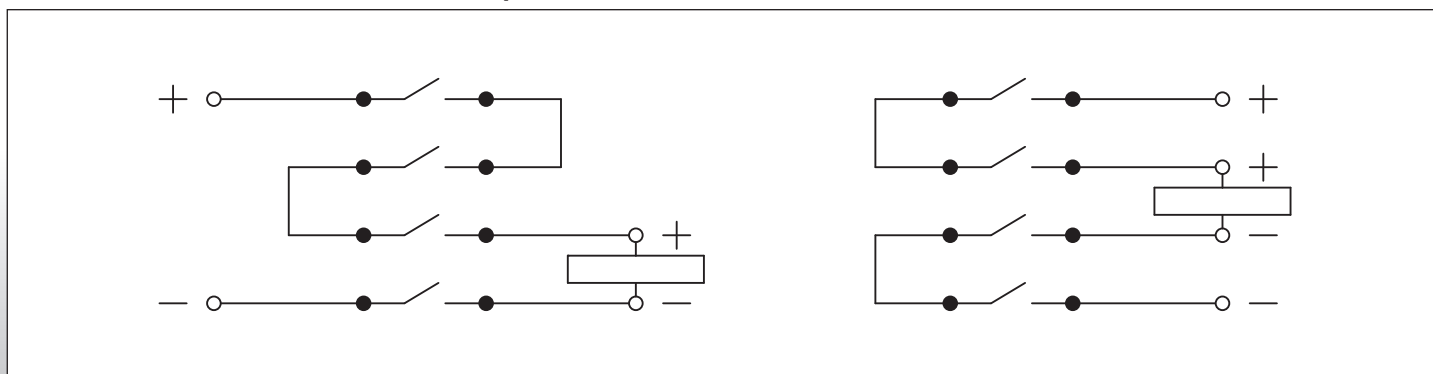

EC660162E

EC660632E

MAIN TECHNICAL FEATURES SWITCH DISCONNECTORS

Rated operational current I_e	A	16	20	32	40	63	80	100
Rated thermal current I_{th}	A	30	30	40	40	63	86	100
AC-21A Switching mixed resistive and inductive loads at light overloads - 690V	A	30	32	32	40	63	80	100
AC-22A Switching mixed resistive and inductive loads at medium overloads - 690V	A	20	25	32	32	63	80	100 (500V)
AC-23A Periodic switching of motors or other loads highly inductive. 3 phase - 3 poles (A/kW)	230V	25/7,5	25/7,5	32/10	32/10	50/15	63/18,5	70/22
	400V	25/15	25/15	32/18,5	32/18,5	50/30	60/33	67/67
	500V	25/15	25/15	32/22	32/22	50/37	60/40	67/45
	690V	20/18,5	20/18,5	25/22	25/22	32/30	35/33	38/37
AC-3 Starting of cage motors (interruption while running). 3 phase - 3 poles (A/kW)	230V	22/7,5	22/7,5	30/9	30/9	40/11	50/15	60/18,5
	400V	22/11	22/11	30/15	30/15	40/22	50/25	55/30
	500V	22/11	22/11	30/18,5	30/18,5	40/30	50/33	55/37
	690V	16/11	16/11	20/18,5	20/18,5	25/22	27/25	32/30
Nominal interruption power AC23-A ($\cos\phi$ 0,45) (A)	230V	200	200	256	256	400	504	560
	400V	200	200	256	256	400	480	536
	500V	200	200	256	256	400	480	536
	690V	160	160	200	200	256	280	304
Rated short-time short circuit withstand current I_{cw} (1s)	A	400	400	400	400	1500	1500	1500
Rated shorth circuit making capacity I_{cm}	A	1500	1500	1500	1500	2840	2840	2840
Conditional rated short circuit withstand current	kA	10	10	10	10	10	10	10
	500V (A)	-	-	-	-	-	-	100
Fuse rating gG	690V (A)	40	40	40	40	63	80	-
	mm ²	1,5-10	1,5-10	1,5-10	1,5-10	6-25	6-25	6-25
Terminal screw / Screwing torque	Nm	M4/1,2	M4/1,2	M4/1,2	M4/1,2	M5/3	M5/3	M5/3
General use (UL508) 600V AC	A	32	32	40	40	63	80	100
Standard motors load (UL508) single phase - 2 poles	120VAC HP/FLA	1,5/20	1,5/20	2/24	2/24	3/34	3/34	3/34
	240VAC HP/FLA	3/17	3/17	5/28	5/28	7,5/40	7,5/40	10/50
Standard motors load (UL508) 3 phase - 3 poles	240VAC HP/FLA	7,5/22	7,5/22	10/28	10/28	10/28	10/28	10/28
	480VAC HP/FLA	10/14	10/14	15/21	15/21	20/27	25/34	25/34
	600VAC HP/FLA	15/17	15/17	20/22	20/22	25/27	30/32	30/32
Connectable section (UL508) AWG		16-8	16-8	16-8	16-8	10-2	10-2	10-2

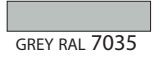
Series connection of the poles of the 4P versions for use of DC current



■ WALL MOUNTING EMERGENCY PUSH-BUTTON SERIES 69

MAIN TECHNICAL FEATURES:

- Emergency push-buttons complete with 1 contact NC 10A - 250V~.
- Made of shock resistant halogen free technopolymer on ABS base.
- Preparing for conduit entry \varnothing 20/25 mm.
- Resistance to abnormal heat: up to 650°C (Glow Wire Test, IEC 60695-2-1 standard).
- Made in compliance with: EN418, EN60947-5-1, EN60204-1, ISO13850 standards.
- The operators are built with a mechanical system that guarantees the certainty of operation and of locking, or locking, in the operating position.
- The positive opening NC contact guarantees maximum reliability of the actuators.


IP65


■ Wall mounting emergency push-button

ITEM	DESCRIPTION	DIMENSIONS mm	PACKAGING PIECES
EC69000E	Emergency push-button \varnothing 40 - Twist to release	96x96x105	1/12
EC69000ES	Emergency push-button \varnothing 40 - Twist to release with vision red/green	96x96x105	1/12
EC69003E	Emergency push-button \varnothing 40 - Push-pull	96x96x105	1/12
EC69003EL	Emergency push-button \varnothing 40 - Push-pull with lens cap	96x96x105	1/12
EC69007E	Emergency push-button \varnothing 40 - With key release	96x96x105	1/12
EC69060E	Emergency push-button \varnothing 60 - Twist to release	96x96x105	1/12
EC69063E	Emergency push-button \varnothing 60 - Push-pull	96x96x105	1/12


EC69000E

EC69000ES

EC69003E

EC69003EL

EC69007E

EC69060E

EC69063E