

General characteristics

Switching diagram	26 - 3-phase motor reversing switch with spring return
N° of elements	3
Mounting form	P - Plastic enclosure with black handle

Contact characteristics

Rated insulation voltage U_i	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage U_{imp}		kV	6
Conventional free air thermal current I_{th}	IEC/EN UL/CSA	A A	16 12
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection I_n (gG)	10kA 15kA 25kA	A A A	16 16 16
Rated short time current I_{cw}	1s	kA	250
Conductivity			10/5 mA/V
Operational current I_e IEC/EN			
AC1/AC21A		A	16
AC15	110V 220/230V 380/400V 660/690V	A A A A	10 8 4 1.5
Rated operational power in AC			
Three-phase AC-3	220/230V 380/440V 500/690V	kW kW kW	3.5 4.5 5.5
Single-phase AC-3	110V 220/230V 380/440V	kW kW kW	0.55 1.5 2.2
Three-phase AC23A	220/230V 380/440V 500/690V	kW kW kW	3.7 6.5 7.5
Single-phase AC23A	110V 220/230V 380/440V	kW kW kW	0.75 1.8 3
Rated operational current in DC			
DC21A			

ENCLOSED ROTARY CAM SWITCH GX SERIES, 3-PHASE MOTOR REVERSING SWITCH
WITH SPRING RETURN 16A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

		48V	A	16
		60V	A	16
		110V	A	4
		220V	A	0.6
		440V	A	0.25
DC23A (poles in series)				
		24V	A	16 (1)
		48V	A	16 (2)
		60V	A	16 (3)
		110V	A	10 (3)
		220V	A	7 (4)
DC13				
		24V	A	16
		48V	A	14
		60V	A	10
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
Tightening torque for terminals max			Nm	0.5
Conductor size				
AWG - Rigid cable				
		min	AWG	20
		Max	AWG	12
AWG - Flexible cable				
		min	AWG	20
		Max	AWG	12
Conductor size (IEC) - Flexible cable				
		min	mm ²	0.5
		Max	mm ²	2.5
Conductor size (IEC) - Rigid cable				
		min	mm ²	0.5
		Max	mm ²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direct-on-line control				
for three-phase motor				
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
for single-phase motor				
		120V	HP	0.75
		240V	HP	1
Ambient conditions				
Temperature				
Operating temperature				
		min	°C	-25
		max	°C	+55
Storage temperature				
		min	°C	-40
		max	°C	+70

Resistance & Protection

Frontal IP degree IP65

Terminals IP degree IP20

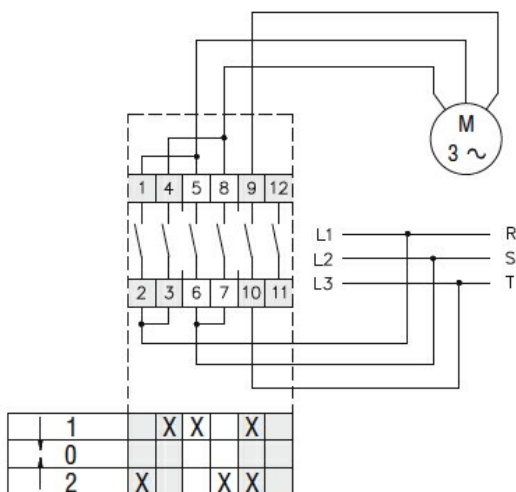
Dimensions

The figure shows four technical drawings of a switch enclosure:

- Front View:** Shows a square enclosure with a central circular opening. Dimensions include N (width of the central opening), A (width of the enclosure), L (height of the enclosure), and L_1 (height of the central opening).
- Side View:** Shows the side profile of the enclosure. Dimensions include R (radius of the top edge), L (width of the enclosure), F (height of the enclosure), and F_1 (height of the central opening).
- Top View:** Shows the top of the enclosure. Dimensions include M (width of the top edge), R (radius of the top edge), L (width of the enclosure), L_1 (width of the central opening), F (height of the enclosure), and F_1 (height of the central opening).
- Bottom View:** Shows the bottom of the enclosure. Dimensions include $C1$ (width of the bottom edge), L (width of the enclosure), L_1 (width of the central opening), D (height of the enclosure), and D_1 (height of the central opening).

Series	Enclosure size	Number of elements		Dimensions												Cable entry	Protection degree
		L	L1	A	A1	C	C1	D	F	M	N	L	L1				
GX1600	90x90	1-2	3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65		
GX2000	90x90	1-2	3-5														
GX16	110x110	1-3	4-7	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65		
GX20		1-3	4-7														
GX3200		1-2	3-4														
GX4000		1-2	3-4														

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

IEC/EN/BS 61058-1

Certificates

EAC

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete