

Product designation	Enclosed rotary cam switch		
Product type designation	GX40		
General characteristics			
Switching diagram	25 - 1-phase motor reversing switch with spring return		
N° of elements	2		
Mounting form	P25 - Plastic enclosure with red/yellow handle		
Contact characteristics			
Rated insulation voltage U_i	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage U_{imp}		kV	6
Conventional free air thermal current I_{th}	IEC/EN	A	40
	UL/CSA	A	40
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	40
	15kA	A	35
	25kA	A	35
Rated short time current I_{cw}	1s	KA	1000
Conductivity			10/5 mA/V
Operational current I_e IEC/EN			
AC1/AC21A		A	40
AC15	110V	A	25
	220/230V	A	22
	380/400V	A	12
	660/690V	A	2
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	7.5
	380/440V	kW	15
	500/690V	kW	15
Single-phase AC-3	110V	kW	2.2
	220/230V	kW	4.4
	380/440V	kW	7
Three-phase AC23A	220/230V	kW	9
	380/440V	kW	18.5
	500/690V	kW	15
Single-phase AC23A	110V	kW	3
	220/230V	kW	5.2

	380/440V	kW	7.5
Rated operational current in DC			
DC21A			
48V	A	40	
60V	A	40	
110V	A	6	
220V	A	0.8	
440V	A	0.25	
DC23A (poles in series)			
24V	A	40 (1)	
48V	A	40 (1)	
60V	A	40 (3)	
110V	A	40 (3)	
220V	A	12 (4)	
DC13			
24V	A	40	
48V	A	32	
60V	A	16	
110V	A	3	
220V	A	0.5	
440V	A	0.15	
Power dissipation		W	1.6
Mechanical features			
Terminals screw			M4
Tightening torque for terminals max		Nm	1.2
Conductor size			
AWG - Rigid cable			
min	AWG	16	
Max	AWG	8	
AWG - Flexible cable			
min	AWG	16	
Max	AWG	10	
Conductor size (IEC) - Flexible cable			
min	mm ²	1.5	
Max	mm ²	6	
Conductor size (IEC) - Rigid cable			
min	mm ²	1.5	
Max	mm ²	10	
Mechanical life		cycles	1X10 ⁶
UL technical data			
Motor power for direct-on-line control			
for three-phase motor			
120V	HP	5	
240V	HP	10	
480V	HP	15	
600V	HP	15	
for single-phase motor			
120V	HP	2	
240V	HP	5	
Ambient conditions			
Temperature			
Operating temperature			
min	°C	-25	
max	°C	+55	

Storage temperature

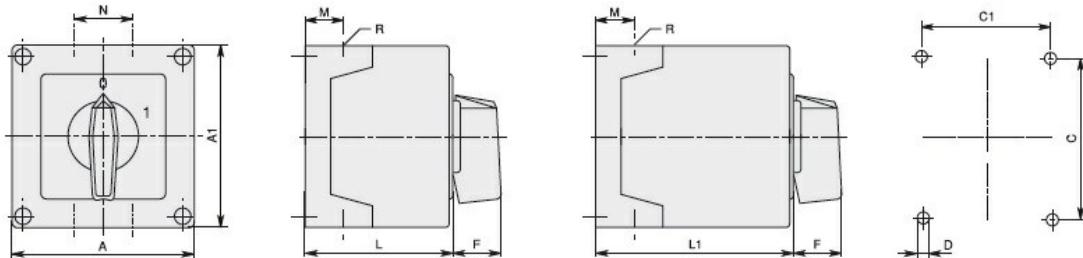
min °C -40
max °C +70

Resistance & Protection

Frontal IP degree IP65

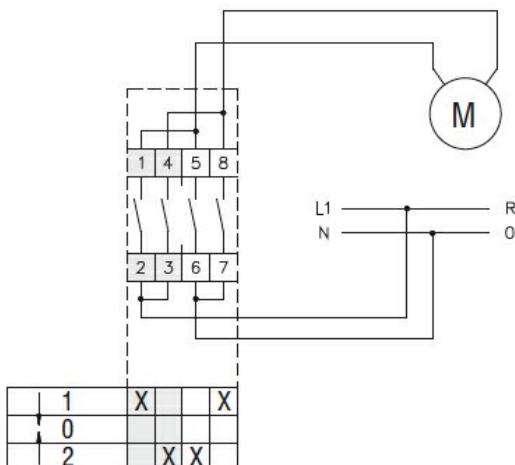
Terminals IP degree IP20

Dimensions



GX16	90x90	1-2	3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX20		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												
GX32		1-2	3-4												
GX40		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