

Product designation				Enclosed rotary cam switch		
Product type designation				GX20		
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	V	690			
	UL/CSA	V	600			
Rated impulse withstand voltage U_{imp}		kV	6			
Conventional free air thermal current I_{th}	IEC/EN	A	20			
	UL/CSA	A	15			
Rated operational voltage		V	440			
Rated operational impulse voltage		kV	4			
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	20			
	15kA	A	20			
	25kA	A	20			
Rated short time current I_{cw}		1s	kA	250		
				10/5 mA/V		
Conductivity				10/5 mA/V		
Operational current I_e IEC/EN	AC1/AC21A			A 20		
	AC15					
Rated operational power in AC				110V	A	10
				220/230V	A	8
				380/400V	A	6
				660/690V	A	1.5
	Three-phase AC-3			220/230V	kW	3.7
				380/440V	kW	5.5
				500/690V	kW	5.5
	Single-phase AC-3			110V	kW	0.75
				220/230V	kW	1.8
				380/440V	kW	3
Three-phase AC23A			220/230V	kW	4	
			380/440V	kW	7.5	
			500/690V	kW	7.5	
Single-phase AC23A			110V	kW	0.75	
			220/230V	kW	2.2	
			380/440V	kW	3.5	

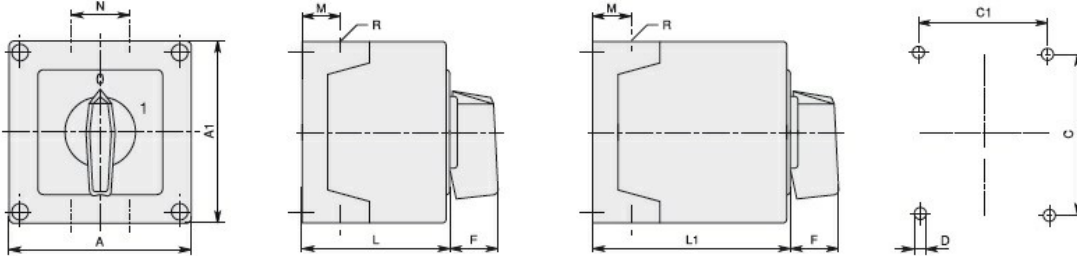
Rated operational current in DC			
DC21A			
	48V	A	20
	60V	A	20
	110V	A	4
	220V	A	0.6
	440V	A	0.25
DC23A (poles in series)			
	24V	A	20 (1)
	48V	A	20 (2)
	60V	A	20 (3)
	110V	A	10 (3)
	220V	A	8 (4)
DC13			
	24V	A	20
	48V	A	16
	60V	A	12
	110V	A	1
	220V	A	0.4
	440V	A	0.15
Power dissipation		W	0.6
Mechanical features			
Terminals screw			M3
Tightening torque for terminals max		Nm	0.8
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	1.5
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			

min °C -40
max °C +70

Resistance & Protection

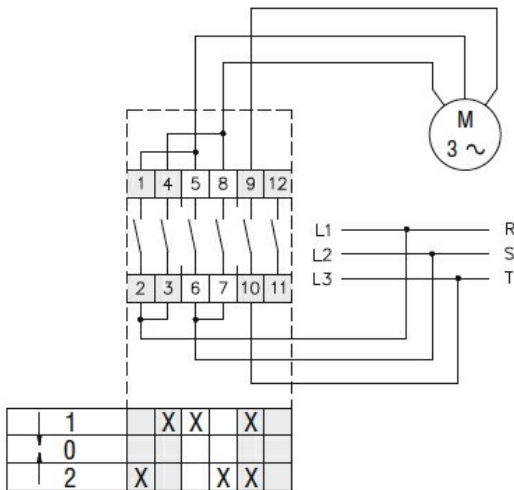
Frontal IP degree	IP65
Terminals IP degree	IP20

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												
GX20		1-3	4-7	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
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