

Product designation				Enclosed rotary cam switch
Product type designation				GX32
<b>General characteristics</b>				
Switching diagram				56 - Changeover switch without 0 3 poles
N° of elements				3
Mounting form				P - Plastic enclosure with black handle
<b>Contact characteristics</b>				
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	32	
	UL/CSA	A	32	
Rated operational voltage			V	440
Rated operational impulse voltage			kV	4
Maximum fuse size for short-circuit protection $I_n$ (gG)	10kA	A	35	
	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
	AC15			
Rated operational power in AC	Three-phase AC-3			
	220/230V	kW	7.5	
	380/440V	kW	11	
	500/690V	kW	11	
	Single-phase AC-3			
	110V	kW	1.8	
	220/230V	kW	3.5	
	380/440V	kW	5.5	
	Three-phase AC23A			
	220/230V	kW	8	
380/440V	kW	15		
500/690V	kW	15		
Single-phase AC23A				
110V	kW	2.2		
220/230V	kW	3.5		
380/440V	kW	6		
<b>Rated operational current in DC</b>				

ENCLOSED ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH WITHOUT 0, 3  
POLES 32A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

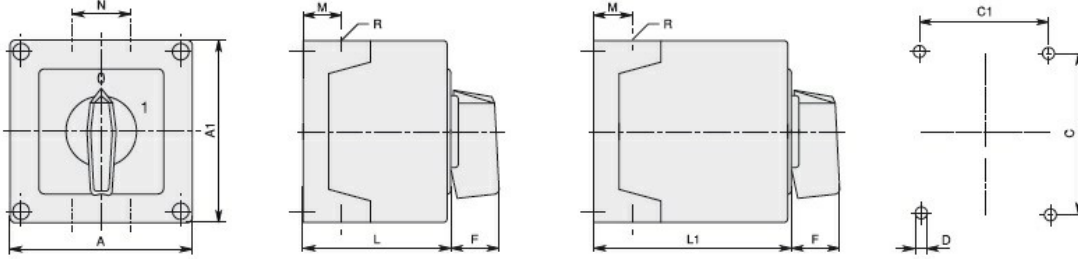
DC21A	48V	A	32
	60V	A	32
	110V	A	5
	220V	A	0.8
	440V	A	0.25
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DC23A (poles in series)	24V	A	32 (1)
	48V	A	32 (2)
	60V	A	32 (3)
	110V	A	15 (3)
	220V	A	12 (4)
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DC13	24V	A	32
	48V	A	25
	60V	A	14
	110V	A	3
	220V	A	0.5
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Power dissipation		W	1.6
<b>Mechanical features</b>			
Terminals screw			M4
Tightening torque for terminals max		Nm	1.2
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Conductor size			
AWG - Rigid cable			
	min	AWG	16
	Max	AWG	8
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AWG - Flexible cable			
	min	AWG	16
	Max	AWG	10
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Conductor size (IEC) - Flexible cable			
	min	mm <sup>2</sup>	1.5
	Max	mm <sup>2</sup>	6
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Conductor size (IEC) - Rigid cable			
	min	mm <sup>2</sup>	1.5
	Max	mm <sup>2</sup>	10
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Mechanical life		cycles	1X10 <sup>6</sup>
<b>UL technical data</b>			
Motor power for direct-on-line control			
for three-phase motor			
	120V	HP	3
	240V	HP	7.5
	480V	HP	15
	600V	HP	15
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for single-phase motor			
	120V	HP	1.5
	240V	HP	3
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<b>Ambient conditions</b>			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+55
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Storage temperature			
	min	°C	-40

max °C +70

**Resistance & Protection**

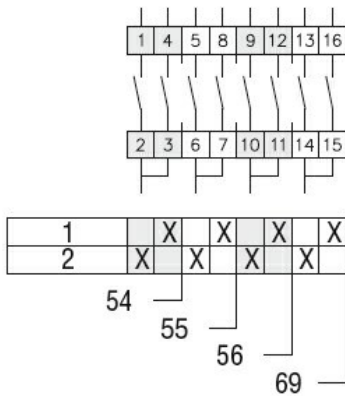
Frontal IP degree	IP65
Terminals IP degree	IP20

**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