

Product designation				Enclosed rotary cam switch
Product type designation				GX32
<b>General characteristics</b>				
Switching diagram				13 - Dahlander motor control switch 1-0-2
N° of elements				4
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	A	1000
Conductivity				10/5 mA/V
Operational current $I_e$ IEC/EN	AC1/AC21A			
			A	32
AC15	110V	A	25	
	220/230V	A	20	
	380/400V	A	10	
	660/690V	A	2	
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		

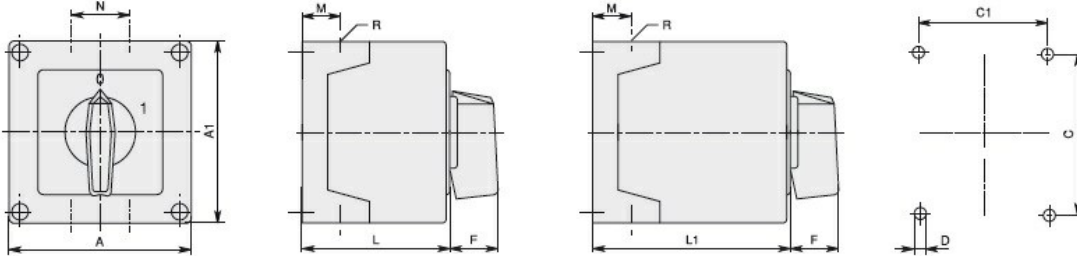
Rated operational current in DC			
DC21A			
	48V	A	32
	60V	A	32
	110V	A	5
	220V	A	0.8
	440V	A	0.25
DC23A (poles in series)			
	24V	A	32 (1)
	48V	A	32 (2)
	60V	A	32 (3)
	110V	A	15 (3)
	220V	A	12 (4)
DC13			
	24V	A	32
	48V	A	25
	60V	A	14
	110V	A	3
	220V	A	0.5
	440V	A	0.15
Power dissipation		W	1.6
<b>Mechanical features</b>			
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 <sup>2</sup>	1.5
	Max	mm <sup>2</sup>	6
Conductor size (IEC) - Rigid cable			
	min	mm <sup>2</sup>	1.5
	Max	mm <sup>2</sup>	10
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
for single-phase motor			
	120V	HP	1.5
	240V	HP	3
<b>Ambient conditions</b>			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			

min °C -40  
max °C +70

**Resistance & Protection**

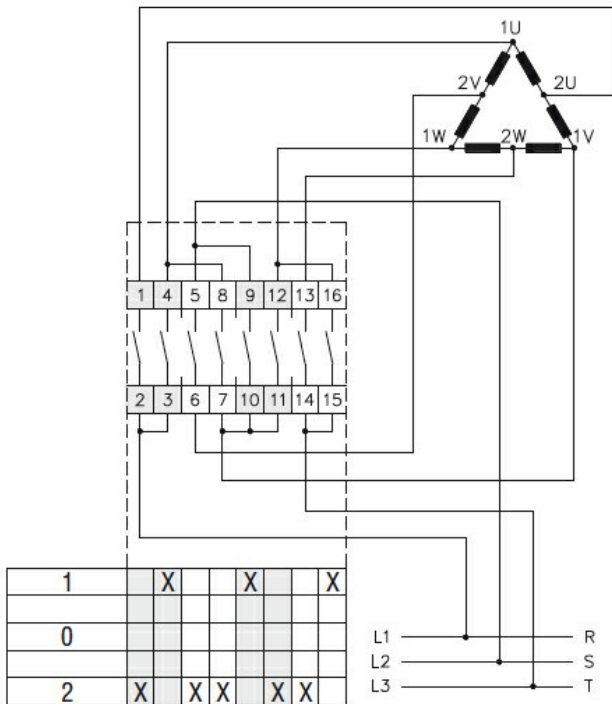
Frontal IP degree	IP65
Terminals IP degree	IP20

**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												
GX32		1-2	3-4	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
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