

Product designation				Rotary cam switches
Product type designation				GX32
General characteristics				
Switching diagram				19 - Dahlander motor control switch 0-1-2
N° of elements				4
Mounting form				O - Rear mounting 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	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			
	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
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		3
	240V	HP		7.5
	480V	HP		15
	600V	HP		15
for single-phase motor				
	120V	HP		1.5
	240V	HP		3
Ambient conditions				
Temperature				
Operating temperature				
	min	°C		-25
	max	°C		+55
Storage temperature				
	min	°C		-40

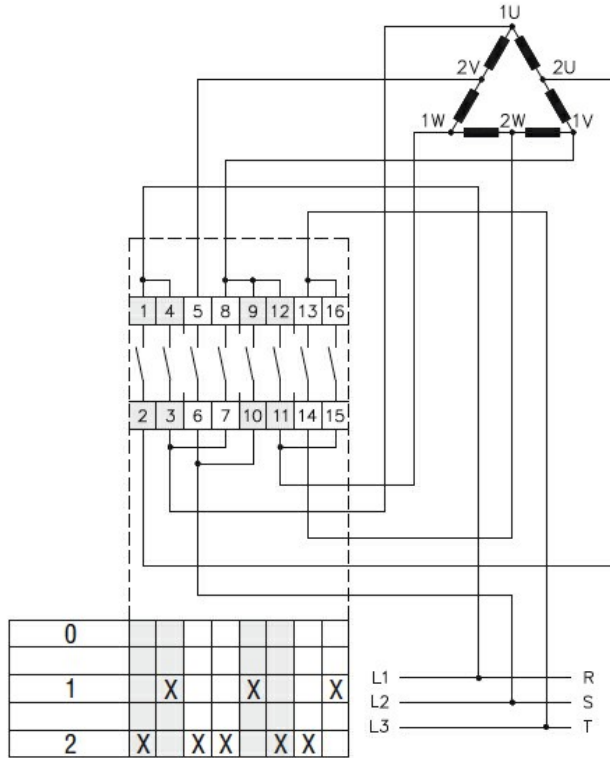
max °C +70

Resistance & Protection

Frontal IP degree	IP65
Terminals IP degree	IP20

Dimensions

Wiring diagrams



Certifications and compliance

Compliance

- CSA C22.2 n° 14
- IEC/EN/BS 60947-1
- IEC/EN/BS 60947-3
- IEC/EN/BS 60947-5-1
- IEC/EN/BS 61058-1
- UL60947-4-1

Certificates

- cULus
- EAC

ETIM classification

ETIM 8.0	EC001029 - Selector switch, complete
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