



# ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 40A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM

				Rotary cam
Product designation				switches
Product type designation				GX40
General characteristics				05 - ON/OFF
Switching diagram				switch 1 pole
N° of elements				1
				U25 - Front
				mounting with red/yellow handle
Mounting form				padlockable in 0
				and protection
				covers
Contact characteristics				
Rated insulation voltage	e Oi	IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar	nd voltage Uimp	02,007	kV	6
Conventional free air th				
		IEC/EN	Α	40
		UL/CSA	Α	40
Rated operational volta			V	440
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)	401.4		40
		10kA 15kA	A	40 35
		25kA	A A	35 35
Rated short time currer	nt Icw	2010 (		
		1s	kA	1000
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
	10.17		A	40
	AC15	4401/	۸	25
		110V 220/230V	A A	25 22
		380/400V	A	12
		660/690V	Α	2
Rated operational pow	er in AC			
•	Three-phase AC-3			
		220/230V	kW	7.5
		380/440V	kW	15
	Ciarla abasa AO O	500/690V	kW	15
	Single-phase AC-3	110V	kW	2.2
		220/230V	kW	2.2 4.4
		380/440V	kW	7
	Three-phase AC23A	222		
	•	220/230V	kW	9
		380/440V	kW	18.5
		500/690V	kW	15
	Single-phase AC23A	44017	1.147	0
		110V 220/230V	kW kW	3 5.2
		ZZU/Z3UV	r. v v	J.Z



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Rated operational current in DC   DC21A			380/440V	kW	7.5
A B W	Rated operational curre	ent in DC			
Section   Sect		DC21A			
110V					
Part					
DC23A (poles in series)					
DC23A (poles in series)					
Part			440V	A	0.25
A		DC23A (poles in series)	0.437		40 (4)
Part					
110V					
DC13					
DC13					
24V		DC42	220V	A	12 (4)
ABV		DC13	24\/	۸	40
Conductor size (IEC) - Flexible cable   Max					
110V					
Power dissipation   W   1.6					
Power dissipation   W   1.6   No   No   No   No   No   No   No   N					
Power dissipation					
Mechanical features           Terminals screw         M4           Tightening torque for terminals max         Nm         1.2           Conductor size           AWG - Rigid cable         min Max         AWG         16 Max           AWG - Flexible cable         min Max         AWG         10           Conductor size (IEC) - Flexible cable         min Max         mm²         1.5 Max         10           Conductor size (IEC) - Rigid cable         min mm²         1.5 Max         10           Mechanical life         cycles         1x10°           Ut technical data           Motor power for direct-on-line control           for three-phase motor         120V         HP         5           240V         HP         15           60V         HP         15           For single-phase motor         120V         HP         2           Ambient conditions           Temperature           Operating temperature           min min mm²         1         2         2         4         4         4         4         4         4 </td <td>Power dissipation</td> <td></td> <td>440 V</td> <td></td> <td></td>	Power dissipation		440 V		
Terminals screw				VV	1.0
Tightening torque for terminals max					M4
AWG - Rigid cable		erminals max		Nm	
AWG - Rigid cable		STITING THAX		1 4111	
AWG - Flexible cable	0011440101 0120	AWG - Rigid cable			
Max		AWC Rigid dable	min	AWG	16
AWG - Flexible cable    min   Max   AWG   16   Max   AWG   10					
Max AWG 16   Max AWG 10		AWG - Flexible cable	Wich	7	
Max AWG 10   Conductor size (IEC) - Flexible cable		ATTO THOMBIO GUDIO	min	AWG	16
Conductor size (IEC) - Flexible cable					
Max   min   mm²   1.5   Max   mm²   6		Conductor size (IEC) - Flexible cable			
Max   mm²   6		(,	min	mm²	1.5
Conductor size (IEC) - Rigid cable					
Mechanical life         min Max mm² 10           Mechanical life         cycles         1X106           UL technical data           Motor power for direct-on-line control for three-phase motor         120V HP 5         5           240V HP 10         480V HP 15         15           600V HP 15         600V HP 15         15           Ambient conditions           Temperature           Operating temperature		Conductor size (IEC) - Rigid cable			
Mechanical life         cycles         1X10°           UL technical data           Motor power for direct-on-line control           for three-phase motor         120V         HP         5           240V         HP         10           480V         HP         15           for single-phase motor         120V         HP         15           for single-phase motor           Ambient conditions           Temperature           Operating temperature           min         °C         -25		, ,	min	mm²	1.5
Mechanical life         cycles         1X106           UL technical data           Motor power for direct-on-line control           120V HP 5           240V HP 10         480V HP 15           600V HP 15         600V HP 15           for single-phase motor           120V HP 2           240V HP 5           Ambient conditions           Temperature           Operating temperature           min °C -25					
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	Mechanical life			cycles	1X10 <sup>6</sup>
for three-phase motor    120V	UL technical data			-	
for three-phase motor    120V		-on-line control			
120V		for three-phase motor			
480V			120V	HP	5
600V   HP   15			240V	HP	10
for single-phase motor  120V HP 2 240V HP 5  Ambient conditions  Temperature  Operating temperature  min °C -25			480V	HP	15
120V HP 2 240V HP 5  Ambient conditions  Temperature  Operating temperature  min °C -25			600V	HP	15
Ambient conditions  Temperature  Operating temperature  min °C -25		for single-phase motor			
Ambient conditions  Temperature  Operating temperature  min °C -25			120V	HP	2
Temperature  Operating temperature  min °C -25			240V	HP	5
Operating temperature  min °C -25					
min °C -25	Temperature				
		Operating temperature			
···			min		
max °C +55			max	°C	+55



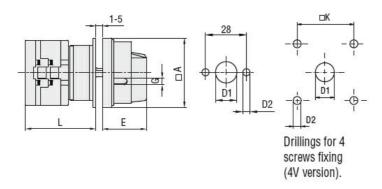
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Storage ter	mperature
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min	°C	-40
max	°C	+70

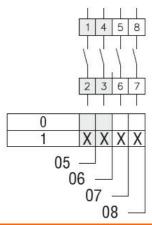
	mar	•	
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20

#### **Dimensions**



Carias		Dimensions					L			
Series	□A	D1	D2	Е	G	□K	1	2	3	12
GX16	48	12	5	34.2	5	36	43	51.5	60	136.5
GX20	48	12	5	34.2	5	36	43	51.5	60	136.5
GX32	65	14	5	38	6	48	51	63	75	183
GX40	65	14	5	38	6	48	51	63	75	183

## 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



## GX4005U25

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ETIM 8.0

EC001029 -Selector switch, complete