



**ENERGY AND AUTOMATION** 

Product designation			Rotary cam switches
Product type designation			GX40
General characteristics			
Switching diagram			107 - Multi-step 0-1-2 1 pole
N° of elements			1
Mounting form			O - Rear mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	Α	40
	UL/CSA	Α	40
Rated operational voltage		V	440
Rated operational impulse voltage		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 current Icw	ZJKA		33
reaced short time current low	1s	Α	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			. 0, 0 4 .
AC1/AC21A			
		Α	40
AC15			
	110V	Α	25
	220/230V	Α	22
	380/400V	Α	12
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V	kW	15
Cinale phase AC C	500/690V	kW	15
Single-phase AC-3	110V	<b>L///</b>	2.2
	220/230V	kW kW	2.2 4.4
	380/440V	kW	4.4 7
Three-phase AC23A	330/ <del>11</del> 0 V	1 \ V \ V	•
Tilloo pilase AOZSA	220/230V	kW	9
	380/440V	kW	18.5
	500/690V	kW	15
Single-phase AC23A	220,0001	•	<u> </u>
	110V	kW	3
	220/230V	kW	5.2
	380/440V	kW	7.5



	DC21A				
	55217	48V	Α	40	
		60V	Α	40	
		110V	Α	6	
		220V	A	0.8	
		440V	A	0.25	
	DCCCA (nales in cories)	440 V	<u> </u>	0.25	
	DC23A (poles in series)	0.4)./	۸	40 (4)	
		24V	A	40 (1)	
		48V	Α	40 (1)	
		60V	Α	40 (3)	
		110V	Α	40 (3)	
		220V	Α	12 (4)	
	DC13				
		24V	Α	40	
		48V	Α	32	
		60V	Α	16	
		110V	Α	3	
		220V	Α	0.5	
		440V	Α	0.15	
Power dissipation			W	1.6	
Mechanical features			***	1.0	
Terminals screw				M4	
Tightening torque for te	arminale may		Nm	1.2	
Conductor size	enninais max		INIII	1.2	
Conductor size	AWO BY I II				
	AWG - Rigid cable				
		min	AWG	16	
		Max	AWG	8	
	AWG - Flexible cable				
		min	AWG	16	
		min Max	AWG AWG	16 10	
	Conductor size (IEC) - Flexible cable				
	Conductor size (IEC) - Flexible cable				
	Conductor size (IEC) - Flexible cable	Max	AWG	1.5	
		Max min	AWG	10	
	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max	AWG mm² mm²	1.5 6	
		Max min Max min	AWG  mm²  mm²  mm²	1.5 6 1.5	
Mechanical life		Max min Max	MMG  mm² mm²  mm²  mm²	1.5 6 1.5 1.0	
Mechanical life		Max min Max min	AWG  mm²  mm²  mm²	1.5 6 1.5	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min	MMG  mm² mm²  mm²  mm²	1.5 6 1.5 1.0	
	Conductor size (IEC) - Rigid cable  on-line control	Max min Max min	MMG  mm² mm²  mm²  mm²	1.5 6 1.5 1.0	
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max	MMG  mm² mm²  mm²  mm²  cycles	1.5 6 1.5 10 1X10 <sup>6</sup>	
UL technical data	Conductor size (IEC) - Rigid cable  on-line control	Max min Max min Max	AWG  mm² mm²  mm² cycles	1.5 6 1.5 10 1X10 <sup>6</sup>	
UL technical data	Conductor size (IEC) - Rigid cable  on-line control	Max min Max min Max	AWG  mm² mm²  mm² cycles  HP HP	10 1.5 6 1.5 10 1X10 <sup>6</sup> 5 10	
UL technical data	Conductor size (IEC) - Rigid cable  on-line control	Max min Max min Max  120V 240V 480V	AWG  mm² mm²  mm² cycles  HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15	
UL technical data	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor	Max min Max min Max	AWG  mm² mm²  mm² cycles  HP HP	10 1.5 6 1.5 10 1X10 <sup>6</sup> 5 10	
UL technical data	Conductor size (IEC) - Rigid cable  on-line control	Max min Max  min Max  120V 240V 480V 600V	MWG  mm² mm² mm² cycles  HP HP HP	10 1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor	Max min Max min Max  120V 240V 480V 600V	AWG  mm² mm² mm² cycles  HP HP HP HP	10 1.5 6 1.5 10 1X10°  5 10 15 15 2	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor	Max min Max  min Max  120V 240V 480V 600V	MWG  mm² mm² mm² cycles  HP HP HP	10 1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor	Max min Max min Max  120V 240V 480V 600V	AWG  mm² mm² mm² cycles  HP HP HP HP	10 1.5 6 1.5 10 1X10°  5 10 15 15 2	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor	Max min Max min Max  120V 240V 480V 600V	AWG  mm² mm² mm² cycles  HP HP HP HP	10 1.5 6 1.5 10 1X10°  5 10 15 15 2	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor	Max min Max min Max  120V 240V 480V 600V	AWG  mm² mm² mm² cycles  HP HP HP HP	10 1.5 6 1.5 10 1X10°  5 10 15 15 2	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor  for single-phase motor	Max min Max min Max  120V 240V 480V 600V	AWG  mm² mm² mm² cycles  HP HP HP HP	10 1.5 6 1.5 10 1X10°  5 10 15 15 2	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor  for single-phase motor	Max min Max min Max  120V 240V 480V 600V  120V 240V	AWG  mm² mm² mm² cycles  HP HP HP HP HP	10 1.5 6 1.5 10 1X10°  5 10 15 15 2 5	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor  for single-phase motor  Operating temperature	Max min Max min Max  120V 240V 480V 600V  120V 240V	AWG  mm² mm² mm² cycles  HP HP HP HP HP	10  1.5 6  1.5 10 1X10 <sup>6</sup> 5 10 15 15 2 5	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor  for single-phase motor	Max min Max min Max  120V 240V 480V 600V  120V 240V	AWG  mm² mm² mm² cycles  HP HP HP HP HP	10  1.5 6  1.5 10 1X10 <sup>6</sup> 5 10 15 15 2 5	





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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
ETIM classification			
ETIM 8.0			EC001029 - Selector switch, complete