

Product designation				Rotary cam switches
Product type designation				GX40
General characteristics				
Switching diagram				11
N° of elements				3
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	UL/CSA	A	40	
			V	440
Rated operational voltage	10kA	A	40	
	25kA	A	35	
	50kA	A	35	
	63kA	A	35	
Rated short time current Icw			1s	A
				800
Operational current Ie IEC/EN	AC1/AC21A			
			A	40
	AC15			
	110V		A	25
	220/230V		A	22
	380/400V		A	12
660/690V		A	7.5	
Rated operational power in AC	Three-phase AC-3			
	220/230V		kW	7.5
	380/440V		kW	15
	500/690V		kW	15
	Single-phase AC-3			
	110V		kW	2.2
	220/230V		kW	4.4
	380/440V		kW	7
	Three-phase AC23A			
	220/230V		kW	9
	380/440V		kW	18.5
	500/690V		kW	15
Single-phase AC23A				
110V		kW	3	
220/230V		kW	5.2	
380/440V		kW	7.5	
Rated operational current in DC	DC21A			
	48V		A	40
	60V		A	40
	110V		A	6
	220V		A	0.8
	440V		A	0.25

DC23A (poles in series)			
	24V	A	40 (1)
	48V	A	40 (1)
	60V	A	40 (3)
	110V	A	40 (3)
	220V	A	12 (4)
DC13			
	24V	A	40
	48V	A	32
	60V	A	16
	110V	A	3
	220V	A	0.5
	440V	A	0.15

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			
	Max	mm ²	10

Mechanical life		cycles	5x10 ⁶
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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			
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70

Resistance & Protection

Frontal IP degree		IP65
Terminals IP degree		IP20

ETIM classification

ETIM 8.0		EC001029 - Selector switch, complete
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