

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 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	40	
	UL/CSA	A	40	
Rated operational voltage		V	440	
Rated operational impulse voltage		kV	4	
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	40	
	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	40	
AC15	110V	A	25	
	220/230V	A	22	
	380/400V	A	12	
	660/690V	A	2	
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
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		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
	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