

Product designation				Rotary cam switches
Product type designation				GX20
General characteristics				
Switching diagram				13
N° of elements				4
Options				Enlarged front plate
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}	UL/CSA	A	15	
Rated operational voltage		V	440	
Maximum fuse size for short-circuit protection I_n (gG)	25kA	A	16	
Rated short time current I_{cw}	1s	A	250	
Operational current I_e IEC/EN				
AC1/AC21A		A	20	
AC15	110V	A	10	
	220/230V	A	8	
	660/690V	A	3.7	
Rated operational power in AC				
Single-phase AC-3	380/440V	kW	3	
Three-phase AC23A	380/440V	kW	7.5	
Single-phase AC23A	380/440V	kW	3.5	
Rated operational current in DC				
DC21A	48V	A	20	
	60V	A	20	
	110V	A	4	
	440V	A	0.25	
DC23A (poles in series)	24V	A	20 (1)	
	48V	A	20 (2)	
	60V	A	20 (3)	
	110V	A	10 (3)	
	220V	A	8 (4)	
DC13	24V	A	20	
	48V	A	16	
	60V	A	12	
	110V	A	1	
	220V	A	0.4	
	440V	A	0.15	

Mechanical features

Terminals screw				M3
Tightening torque for terminals max		Nm		0.8
Conductor size	AWG - Rigid cable	min	AWG	20
		Max	AWG	14
	AWG - Flexible cable	min	AWG	20
	Conductor size (IEC) - Flexible cable	min	mm ²	0.5
		Max	mm ²	2.5
	Conductor size (IEC) - Rigid cable	Max	mm ²	2.5
Mechanical life		cycles		5x10 ⁶

UL technical data

Motor power for direct-on-line control	for three-phase motor	240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor	120V	HP	0.75
		240V	HP	1.5

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
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