

Product designation				Rotary cam switches	
Product type designation				GX20	
<b>General characteristics</b>					
Switching diagram				83 - Multi-step 1-2-3-4 1 pole	
N° of elements				2	
Mounting form				U - Front mounting with black handle	
<b>Contact characteristics</b>					
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	20		
	UL/CSA	A	15		
Rated operational voltage			V	440	
Rated operational impulse voltage			kV	4	
Maximum fuse size for short-circuit protection $I_n$ (gG)	10kA	A	20		
	15kA	A	20		
	25kA	A	20		
			1s	kA	250
Rated short time current $I_{cw}$			1s	kA	
Conductivity				10/5 mA/V	
Operational current $I_e$ IEC/EN	AC1/AC21A		A	20	
	AC15				
		110V	A	10	
		220/230V	A	8	
		380/400V	A	6	
		660/690V	A	1.5	
Rated operational power in AC	Three-phase AC-3				
			220/230V	kW	3.7
			380/440V	kW	5.5
			500/690V	kW	5.5
	Single-phase AC-3				
			110V	kW	0.75
			220/230V	kW	1.8
			380/440V	kW	3
	Three-phase AC23A				
			220/230V	kW	4
			380/440V	kW	7.5
			500/690V	kW	7.5
Single-phase AC23A					
		110V	kW	0.75	
		220/230V	kW	2.2	
		380/440V	kW	3.5	
Rated operational current in DC					

DC21A				
	48V	A	20	
	60V	A	20	
	110V	A	4	
	220V	A	0.6	
	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	
Power dissipation		W	0.6	
<b>Mechanical features</b>				
Terminals screw				M3
Tightening torque for terminals max		Nm	0.8	
Conductor size				
AWG - Rigid cable				
	min	AWG	20	
	Max	AWG	12	
AWG - Flexible cable				
	min	AWG	20	
	Max	AWG	12	
Conductor size (IEC) - Flexible cable				
	min	mm <sup>2</sup>	0.5	
	Max	mm <sup>2</sup>	2.5	
Conductor size (IEC) - Rigid cable				
	min	mm <sup>2</sup>	0.5	
	Max	mm <sup>2</sup>	2.5	
Mechanical life		cycles	1X10 <sup>6</sup>	
<b>UL technical data</b>				
Motor power for direct-on-line control				
for three-phase motor				
	120V	HP	1.5	
	240V	HP	3	
	480V	HP	5	
	600V	HP	5	
for single-phase motor				
	120V	HP	0.75	
	240V	HP	1.5	
<b>Ambient conditions</b>				
Temperature				
Operating temperature				
	min	°C	-25	
	max	°C	+55	
Storage temperature				
	min	°C	-40	

max °C +70

**Resistance & Protection**

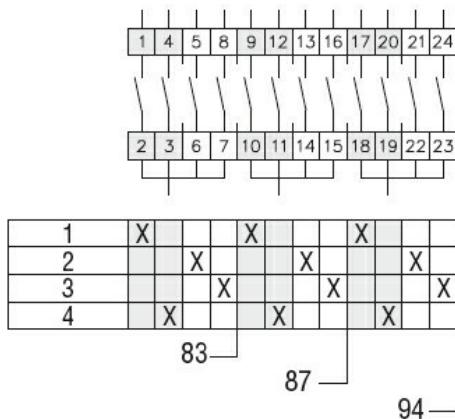
Frontal IP degree	IP65
Terminals IP degree	IP20

**Dimensions**



Series	Dimensions							L Number of elements											
	□A	C	∅D1	∅D2	E	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX20	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX32	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183
GX40	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	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**

ETIM 8.0

EC001029 -  
Selector switch,  
complete