ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 3 POLES 20A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 48X48MM

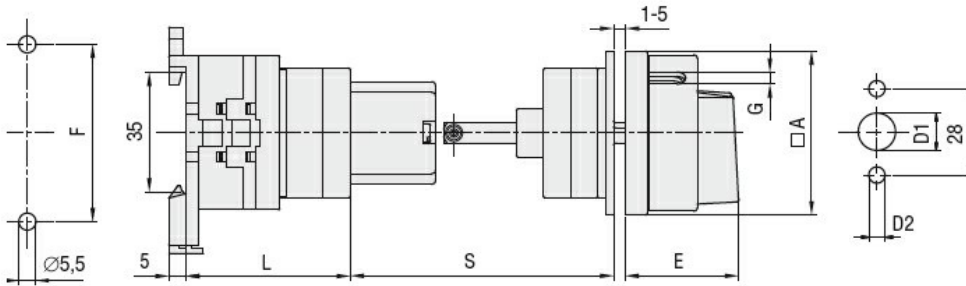|			
Product designation			Rotary cam switches
Product type designation			GX20
General characteristics			
Switching diagram			07 - ON/OFF switch 3 poles
N° of elements			2
Mounting form			O88 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Contact characteristics			
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	A	20
	UL/CSA	A	15
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	20
	15kA	A	20
	25kA	A	20
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current Ie 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

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	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

Mechanical features

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	mm²	0.5
	Max	mm²	2.5
Conductor size (IEC) - Rigid cable			
	min	mm²	0.5
	Max	mm²	2.5
Mechanical life		cycles	1×10^6

UL technical data

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

Ambient conditions

Temperature			
Operating temperature			
	min	°C	-25

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		max	°C	+55
Storage temperature				
		min	°C	-40
		max	°C	+70

Resistance & Protection

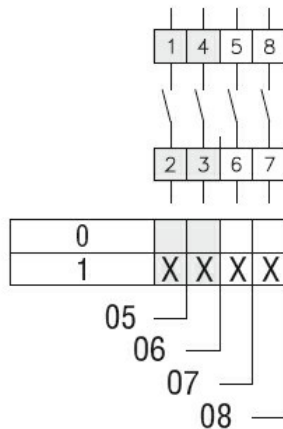| Frontal IP degree	IP65
Terminals IP degree	IP20

Dimensions

Series	Dimensions								L			
	□A	D1	D2	E	F	□K	G	S	1	2	3...	...12
GX16	48	12	5	34.2	52	36	5	45-55	40	48.5	57	133.5
GX20	48	12	5	34.2	52	36	5	45-55	40	48.5	57	133.5
GX32	65	14	5	38	68	48	6	45-55	51	63	75	183
GX40	65	14	5	38	68	48	6	45-55	51	63	75	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

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

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ETIM 8.0

EC001029 - Selector switch, complete