GX2008O

ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 4 POLES 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam switches
Product type designation			GX20
General characteristics			
Switching diagram			08 - ON/OFF switch 4 poles
N° of elements			2
Mounting form			O - Rear mounting with black handle
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	A	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
	220/230V	kW	2.2
	380/440V	kW	3.5
Rated operational current in DC			

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

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	1X10⁶
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
	max		°C	+55
Storage temperature				
	min		°C	-40

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

GX2008O

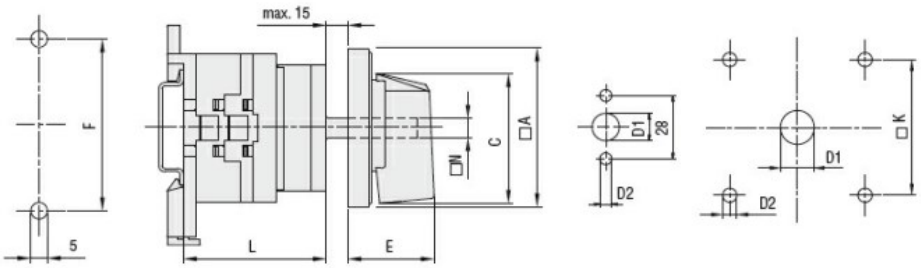
ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 4 POLES 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

	max	°C	+70

Resistance & Protection

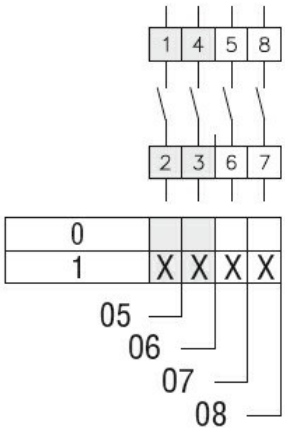
Frontal IP degree	IP65
Terminals IP degree	IP20

Dimensions



Series	Dimensions					L Number of elements											
	□A	C	E	F	□N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	26.5	52	6	37	45.5	54	62.5	71	79.5	88	96.5	105	113.5	122	130.5
GX20	48	39.5	26.5	52	6	37	45.5	54	62.5	71	79.5	88	96.5	105	113.5	122	130.5
GX32	65	53	34.5	68	7	48	60	72	84	96	108	120	132	144	156	168	180
GX40	65	53	34.5	68	7	48	60	72	84	96	108	120	132	144	156	168	180

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

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