GX4091U

Rotary cam switch GX series, ON-OFF switch 2 poles 40A, for front mounting with black handle, front plate 65X65mm

Product designation			Rotary cam switches
Product type designation			GX40
General characteristics			
Switching diagram			91 - ON/OFF switch 2 poles
N° of elements			1
Mounting form			U - Front 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	40
	UL/CSA	A	40
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	40
	15kA	A	35
	25kA	A	35
Rated short time current Icw			
	1s	A	1000
Conductivity			10/5 mA/V
Operational current Ie 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 AC3			
	220/230V	kW	7.5
	380/440V	kW	15
	500/690V	kW	15
Single-phase AC3			
	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			

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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	mm²	1.5
	Max	mm²	6
Conductor size (IEC) - Rigid cable				
	min	mm²	1.5
	Max	mm²	10
Mechanical life		cycles	1X10⁶
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

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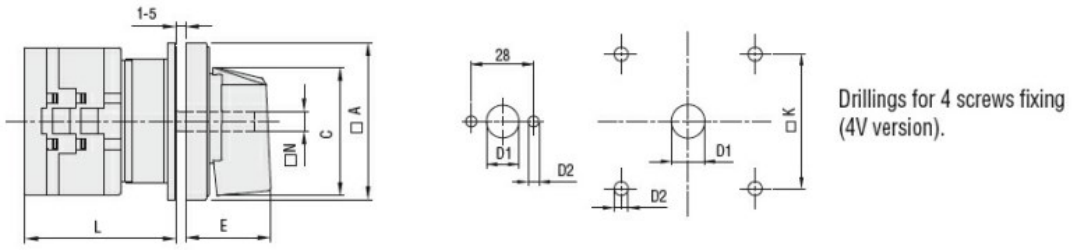
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	max	°C	+70

Resistance & Protection

Frontal IP degree	IP65
Terminals IP degree	IP20

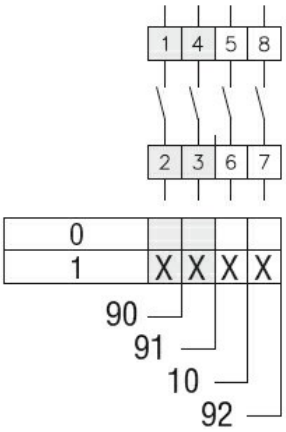
Dimensions



Drillings for 4 screws fixing (4V version).

Series	Dimensions							L Number of elements											
	□A	C	ØD1	ØD2	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	EC001105 - Off-load switch

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