

GX2091U11 electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING



Product designation			Rotary cam
-			switches
Product type designation General characteristics			GX20
			91 - ON/OFF
Switching diagram			switch 2 poles
N° of elements			1
			U11 - Front
			mounting with black handle
Mounting form			without front plate
			for hole diam.
			22mm fixing
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Rated impulse withstand voltage Uimp	UL/CSA	V kV	600 6
Conventional free air thermal current Ith		ĸv	0
	IEC/EN	А	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	А	20
	15kA	A	20
Detect of each first a summer three	25kA	A	20
Rated short time current Icw	10	kA	250
Conductivity	1s	КА	
Operational current le IEC/EN			10/3 IIIA/ V
AC1/AC21A			
		А	20
AC15			
	110V	А	10
	220/230V	Α	8
	380/400V	А	6
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	3.7
	220/230V 380/440V	кvv kW	3.7 5.5
	500/440V 500/690V	kW	5.5
Single-phase AC-3			
	110V	kW	0.75
	220/230V	kW	1.8

GX2091U11

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



GX2091U11

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WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING	

		380/440V	kW	3
	Three-phase AC23A			
		220/230V	kW	4
		380/440V	kW	7.5
	0	500/690V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.75
		220/230V	kW	2.2
		380/440V	kW	3.5
Rated operational cur	rent in DC			
•	DC21A			
	-	48V	А	20
		60V	A	20
		110V	A	4
		220V	A	0.6
		440V	Α	0.25
	DC23A (poles in series)			
	·	24V	А	20 (1)
		48V	А	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
		220V	Α	8 (4)
	DC13			
		24V	A	20
		48V	Α	16
		60V	А	12
		110V	А	1
		220V	А	0.4
		440V	A	0.15
Dower dissinction		440 V		0.6
Power dissipation			VV	0.0
Mechanical features				140
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	mux		· -
		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		IVICA		1X10 ⁶
			cycles	
UL technical data				
Motor power for direc				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
		000 V		5

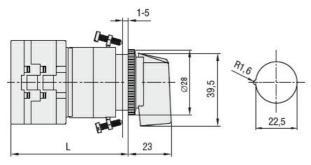
GX2091U11



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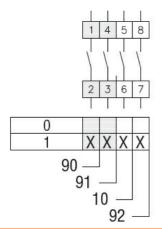
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP65
Terminals IP degree				IP20
Dimonoiono				

Dimensions



Series	L			
	1	2	3	8
GX16	54	62.5	71	147.5
GX20	54	62.5	71	147.5

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	

GX2091U11



ENERGY AND AUTOMATION

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Certificates cULus EAC ETIM classification EC001029 -**ETIM 8.0** Selector switch, complete

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