

GX2091O48 ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM



Draduct designation			Rotary cam
Product designation			switches
Product type designation			GX20
General characteristics			
Switching diagram			91 - ON/OFF
			switch 2 poles
N° of elements			1 O48 - Modular
			service cover for
Mounting form			35mm din rail
			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	<u>A</u>	15
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	4.01-4	^	00
	10kA 15kA	A	20 20
	25kA	A A	20
Rated short time current Icw	2364	A	20
	1s	А	250
Conductivity	10		10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	20
AC15			
	110V	А	10
	220/230V	А	8
	380/400V	А	6
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3.7
	380/440V	kW	5.5
Qianta abase AQ Q	500/690V	kW	5.5
Single-phase AC-3	440\/		0.75
	110V 220/230V	kW kW	0.75 1.8
	220/230V 380/440V	кvv kW	3
	JJJ/440V	N V V	5

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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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VITCH GX SERIES, ON-OFF SWITCH 2 POLES 20A, MODULAR SERVICE	

	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 of	current in DC			
·	DC21A			
		48V	А	20
		60V	A	20
		110V	A	4
		220V	A	ч 0.6
		440V		
		440 V	A	0.25
	DC23A (poles in series)	241/	^	20(4)
		24V	A	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
		220V	A	8 (4)
	DC13			
		24V	А	20
		48V	А	16
		60V	А	12
		110V	А	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.6
Mechanical features	S			010
Terminals screw				M3
Tightening torque for	or terminals max		Nm	0.8
Conductor size				0.0
	AWG - Rigid cable			
	AWG - Nigid Cable	min	AWG	20
		min		20
		Max	AWG	12
	AWG - Flexible cable	<u>.</u>		
		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	1X10 ⁶
UL technical data				
Motor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		480V 600V	HP	5
		000V		J
	for single-phase motor			-

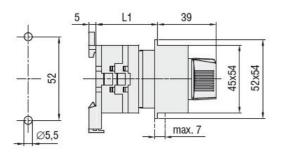
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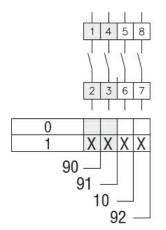
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protec	tion			
Frontal IP degree				IP65
Terminals IP degree				IP20

Dimensions



Series	L1			
	1	2	3	
GX16	33	41.5	50	
GX20	33	41.5	50	

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	

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ENERGY AND AUTOMATION

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Certificates <u>
cULus</u> EAC ETIM classification EC001029 -

ETIM 8.0

EC001029 -Selector switch, complete