



ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 3 POLES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation				Rotary cam switches
Product type designat	ion			GX20
General characteristic				0/(20
Switching diagram				53 - Changeover switch 3 poles - 2 speed motor starting with separate windings
N° of elements				3
Mounting form				O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristic				
Rated insulation volta		IEC/EN UL/CSA	V V	690 600
Rated impulse withsta			kV	6
Conventional free air t	hermal current Ith	IEC/EN UL/CSA	A	20 15
Rated operational volt	200	0E/CSA	A V	440
Rated operational imp	-		kV	4
	r short-circuit protection In (gG)		κv	4
Maximum ruse size io	r short-circuit protection in (gG)	10kA 15kA 25kA	A A A	20 20 20
Rated short time curre	ent Icw	1s	kA	250
Conductivity		10	10 1	10/5 mA/V
Operational current le	IEC/EN AC1/AC21A			
			А	20
	AC15	110V 220/230V 380/400V	A A A	10 8 6
		660/690V	A	1.5
Rated operational pov	ver in AC.	000,000 1	7	1.0
	Three-phase AC-3	220/230V	kW	3.7
		380/440V	kW	5.5
		500/690V	kW	5.5
	Single-phase AC-3	000,000		
		110V 220/230V	kW kW	0.75 1.8
		380/440V	kW	3
	Three-phase AC23A			-
		220/230V	kW	4
		380/440V	kW	7.5
		500/690V	kW	7.5

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	Single-phase AC23A			
	onge-phase Auzoa	110V	kW	0.75
		220/230V	kW	2.2
Deted an exetional our	reat in DO	380/440V	kW	3.5
Rated operational cur				
	DC21A			
		48V	А	20
		60V	А	20
		110V	A	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	А	10 (3)
		220V	А	8 (4)
	DC13			
		24V	А	20
		48V	A	16
		60V	A	12
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Dower discipation		440 V		0.6
Power dissipation Mechanical features			VV	0.6
				Mo
Terminals screw			Nime	M3
Tightening torque for t	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	1X10 ⁶
UL technical data			.,	-
Motor power for direct	t-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				

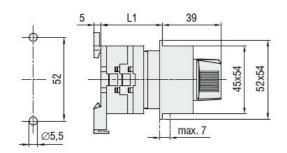
Temperature



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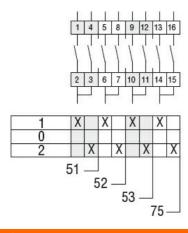
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Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			



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
Certificates	
	cULus
	EAC
ETIM classification	

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ETIM 8.0

EC001029 -Selector switch, complete