GX2003U11



ROTARY CAM SWITCH GX SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

Product designation		Rotary cam switches
Product type designation		GX20
General characteristics		
Switching diagram		03 - ON/OFF spring return switch 3 poles
N° of elements		2
Mounting form		U11 - Front mounting with black handle without front plate for hole diam. 22mm fixing
Contact characteristics		
Rated insulation voltage Ui IEC/EN UL/CSA		690 600
Rated impulse withstand voltage Uimp	kV	6
Conventional free air thermal current Ith		
IEC/EN		20
UL/CSA Rated operational voltage	<u> </u>	15 440
Rated operational impulse voltage	kV	4
Maximum fuse size for short-circuit protection In (gG)		
10kA 15kA 25kA	A	20 20 20
Rated short time current Icw		
1s	A	250
Conductivity		10/5 mA/V
Operational current le IEC/EN AC1/AC21A		
	А	20
AC15 110V	A	10
220/230V		8
380/400		6
Rated operational power in AC	Α	1.5
Three-phase AC-3		
220/230V		3.7
380/440		5.5
500/690V Single-phase AC-3	kW	5.5
Single-phase AC-3 110V	kW	0.75

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		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 curre	ent in DC	000,1101		0.0
rated operational carry	DC21A			
	DOZIA	48V	А	20
		40V 60V	A	20
		110V		
		220V	A	4
			A	0.6
		440V	A	0.25
	DC23A (poles in series)	• • • •		00 (4)
		24V	A	20 (1)
		48V	A	20 (2)
		60V	А	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				
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	ivid.		
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVICA	/	12
	CONTRACTOR SIZE (IEC) - FIEXIDIE CADIE	min	mm²	0.5
	Conductor cizo (IEC) Disidante	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			0 5
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direct-				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5

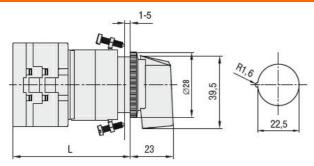
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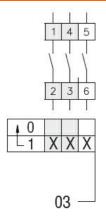
		600V	HP	5
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
Frontal IP degree				IP65
Terminals IP degree				IP20

Dimensions



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

Wiring diagrams



Certifications and 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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Compliance

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ENERGY AND AUTOMATION

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Certificates		
	cULus	
	EAC	
ETIM classification		
		EC001020

ETIM 8.0

EC001029 -Selector switch, complete