

ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3, 2 POLES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation			Rotary cam
•			switches
Product type designation General characteristics			GX20
			86 - Multi-step 1-
Switching diagram			2-3 2 poles
N° of elements			3
			O48 - Modular service cover for
Mounting form			35mm din rail
······································			mounting with
			black handle
Contact characteristics			
Rated insulation voltage Ui	IEO/EN		000
	IEC/EN UL/CSA	V V	690
Rated impulse withstand voltage Uimp	UL/CSA	kV	600
Conventional free air thermal current Ith		ΓV	U
252doi:ai.ii.20 aii. aioimai oanone iai	IEC/EN	Α	20
	UL/CSA	Α	15
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	20
	15kA	Α	20
Peter Laborat Conservation	25kA	Α	20
Rated short time current Icw	1s	Α	250
Conductivity	15	A	10/5 mA/V
Operational current le IEC/EN			10/0 11// 0
AC1/AC21A			
		Α	20
AC15			
	110V	Α	10
	220/230V	Α	8
	380/400V	Α	6
Data La continuada de AO	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	3.7
	380/440V	kW	5. <i>7</i> 5.5
	500/690V	kW	5.5
Single-phase AC-3		<u> </u>	
.	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
Three-phase AC23A		,	
	220/230V	kW	4
	380/440V	kW	7.5
Single-phase AC23A	500/690V	kW	7.5
Single-phase AC23A	110V	kW	0.75
	220/230V	kW	2.2
	V		



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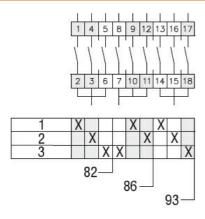
		380/440V	kW	3.5
Rated operational curre	ent in DC			
	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)	0.437		00 (4)
		24V	A	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
	D040	220V	Α	8 (4)
	DC13	241/	۸	20
		24V	A	20
		48V 60V	A	16
			A	12
		110V 220V	A	1 0.4
			A	
Danier diagination		440V	A	0.15
Power dissipation Mechanical features			W	0.6
Terminals screw				M3
Tightening torque for to	orminals may		Nm	0.8
Conductor size	anninais max		INIII	0.0
Conductor Size	AWC Pigid coble			
	AWG - Rigid cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVIAX	AWG	12
	AVVG - Flexible Cable	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIAX	AVVG	12
	Conductor Size (IEC) - I lexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVICA	111111	2.0
	Conductor Size (IEO) - Mylu Cable		•	0.5
		min	mm⁴	() 5
		min Max	mm² mm²	0.5 2.5
Mechanical life		min Max	mm²	2.5
Mechanical life				
UL technical data	·on-line control		mm²	2.5
			mm²	2.5
UL technical data	-on-line control for three-phase motor	Max	mm² cycles	2.5 1X10 ⁶
UL technical data		Max 120V	mm² cycles	2.5 1X10 ⁶
UL technical data		120V 240V	mm² cycles HP	2.5 1X10 ⁶ 1.5 3
UL technical data		120V 240V 480V	mm² cycles HP HP HP	2.5 1X10 ⁶ 1.5 3 5
UL technical data	for three-phase motor	120V 240V	mm² cycles HP	2.5 1X10 ⁶ 1.5 3
UL technical data		120V 240V 480V 600V	mm² cycles HP HP HP HP	2.5 1X10 ⁶ 1.5 3 5 5
UL technical data	for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	2.5 1X10 ⁶ 1.5 3 5 5
UL technical data Motor power for direct-	for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	2.5 1X10 ⁶ 1.5 3 5 5
UL technical data Motor power for direct-	for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	2.5 1X10 ⁶ 1.5 3 5 5
UL technical data Motor power for direct-	for three-phase motor for single-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	2.5 1X10 ⁶ 1.5 3 5 5
UL technical data Motor power for direct-	for three-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP	2.5 1X10 ⁶ 1.5 3 5 5 0.75 1.5
UL technical data Motor power for direct-	for three-phase motor for single-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	2.5 1X10 ⁶ 1.5 3 5 5





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

EC001029 -Selector switch, complete