



ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 2 POLES 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

Product designation			Rotary cam switches
Product type designation General characteristics			GX20
			52 - Changeover
Switching diagram			switch 2 poles
N° of elements			2
Mounting form			U12 - Front mounting without front plate with key operation for hole diam. 22mm fixing
Contact characteristics			lixilig
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	Α	20
Peter Language and Latter a	UL/CSA	A	15
Rated operational voltage		V kV	440
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)		KV	4
Maximum ruse size for short-circuit protection in (gg)	10kA	Α	20
	15kA	A	20
	25kA	Α	20
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		۸	20
AC15		Α	20
ACIO	110V	Α	10
	220/230V	Α	8
	380/400V	Α	6
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3.7
	380/440V 500/690V	kW kW	5.5 5.5
Single-phase AC-3	300/0907	۲۸۷۷	5.5
Olligie-pilase AO-S	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
0:	500/690V	kW	7.5
Single-phase AC23A	44017	1.1.1.1	0.75
	110V 220/230V	kW kW	0.75 2.2
	ZZU/ZJU V	IV V V	L. L



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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	A	16
		60V	A	12
		110V 220V	A	1
			A	0.4
Danier diagination		440V	Α	0.15
Power dissipation Mechanical features			W	0.6
Terminals screw				M3
Tightening torque for to	orminals may		Nm	0.8
Conductor size	enninais max		INIII	0.0
Conductor Size	AWC Bigid apple			
	AWG - Rigid cable	min	AWG	20
	AWG - Flexible cable	Max	AWG	12
	AVVG - Flexible cable	min	A1A/C	20
		min Max	AWG AWG	20 12
	Conductor size (IEC) Flevible coble	IVIAX	AWG	12
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVIAX	111111	2.0
	Conductor Size (IEC) - Rigid Cable	min	mm²	0.5
		Max	mm²	0.5 2.5
Mechanical life		IVIAX	cycles	1X10 ⁶
UL technical data			Cycles	1/10
Motor power for direct-	-on-line control			
Motor power for difect	for three-phase motor			
	ioi tilloo pilago illotoi	120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor	000 V	1 11	
	ioi oiligio pilaoo illotoi	120V	HP	0.75
		240V	HP	1.5
Ambient conditions		240 V	rir'	1.0
Temperature				
remperature	Operating temperature			
	Operating temperature			
		min	°C	-25
		min max	°C	-25 +55



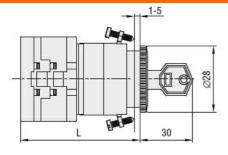
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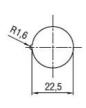
Storage t	emperature

min	°C	-40
max	°C.	+70

Resistance & Protection	
Frontal IP degree	IP65
Terminals IP degree	IP20

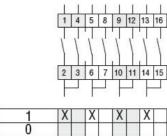
Dimensions

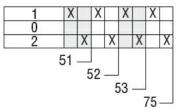




Series	L			
	1	2	3	8
GX16	54	62.5	71	113.4
GX20	54	62.5	71	113.4

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