



Product designation			Rotary cam switches
Product type designation			GX20
General characteristics			
Switching diagram N° of elements			66 - Voltmeter switch for phase- neutral and phase-phase voltages
14 of distinction			U - Front
Mounting form			mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Potad impulse withstend voltage Llimp	UL/CSA	V kV	600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		ĸ۷	6
Conventional nee all incimal culteril iti	IEC/EN	Α	20
	UL/CSA	A	15
Rated operational voltage	02,00,1	V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
1 (3 /	10kA	Α	20
	15kA	Α	20
	25kA	Α	20
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	20
AC15	44014		4.0
	110V	A	10
	220/230V 380/400V	A	8 6
	660/690V	A A	1.5
Rated operational power in AC	000/090 V		1.5
Three-phase AC-3			
Times phase he s	220/230V	kW	3.7
	380/440V	kW	5.5
	500/690V	kW	5.5
Single-phase AC-3			
	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
Cincle above ACOOA	500/690V	kW	7.5
Single-phase AC23A	110V	1.101	0.75
	220/230V	kW kW	0.75 2.2
	220,200 V	17 4 4	<u></u>





		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

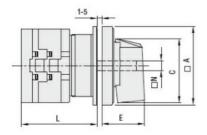


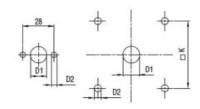
Storage temperature

min °C -40 max °C +70

Resistance & Protection	
Frontal IP degree	IP65
Terminals IP degree	IP20

Dimensions

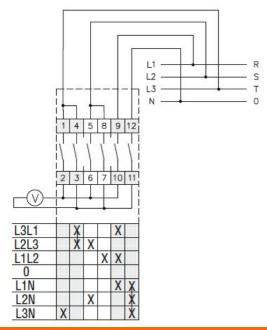




Drillings for 4 screws fixing (4V version).

Series	Dimensions						L Number of elements												
	□A	C	ØD1	ØD2	Е	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX20	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX32	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183
GX40	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183

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