ENERGY AND AUTOMATION

ROTARY CAM SWITCH GX SERIES, AMMETER SWITCH 20A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam switches
Product type designation			GX20
General characteristics			
Switching diagram			98 - Ammeter switch
N° of elements			3
			U - Front
Mounting form			mounting with black handle
Contact characteristics			black flaffule
Rated insulation voltage Ui			
Ğ	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
	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	A	20
Dated short time a compart to	25kA	Α	20
Rated short time current Icw	4 -	1. 1	250
Conductivity	1s	kA	250 10/5 mA/V
Conductivity Operational current le IEC/EN			V/AIII C/UI
AC1/AC21A			
A01/A021A		Α	20
AC15			
,1010	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	kW	5.5
	500/690V	kW	5.5
Single-phase AC-3			
	110V	kW	0.75
	220/230V	kW	1.8
Three phase ACCCA	380/440V	kW	3
Three-phase AC23A	220/2201	J-\^/	4
	220/230V	kW kW	4 7.5
	380/440V 500/690V	kW kW	7.5 7.5
Single-phase AC23A	300/090V	r v v	1.0
Siligie-pliase AC23A	110V	kW	0.75
	220/230V	kW	2.2
	380/440V	kW	3.5

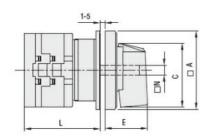
ROTARY CAM SWITCH GX SERIES, AMMETER SWITCH 20A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

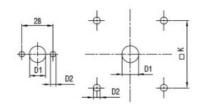
	D0044			
	DC21A	401/	۸	00
		48V	A	20
		60V	A	20
		110V	A	4
		220V 440V	A A	0.6 0.25
	DC224 (polos is serios)	440 V	Α	0.23
	DC23A (poles in series)	24V	۸	20 (1)
			A	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
	2010	220V	Α	8 (4)
	DC13	0.41/	Δ.	00
		24V	A	20
		48V	Α	16
		60V	Α	12
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				M3
Tightening torque for te	rminals 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			
	, <i>,</i>	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-	and Programme Confe			
	on-line control			
	on-line control for three-phase motor	120V	HP	1.5
		120V 240V	HP HP	1.5 3
		240V	HP	3
		240V 480V	HP HP	3 5
	for three-phase motor	240V	HP	3
		240V 480V 600V	HP HP HP	3 5 5
	for three-phase motor	240V 480V 600V	HP HP HP	3 5 5 0.75
	for three-phase motor	240V 480V 600V	HP HP HP	3 5 5
Ambient conditions	for three-phase motor	240V 480V 600V	HP HP HP	3 5 5 0.75
	for three-phase motor for single-phase motor	240V 480V 600V	HP HP HP	3 5 5 0.75
Ambient conditions	for three-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1.5
Ambient conditions	for three-phase motor for single-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1.5
Ambient conditions	for three-phase motor for single-phase motor Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1.5
Ambient conditions	for three-phase motor for single-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1.5

ENERGY AND AUTOMATION

ROTARY CAM SWITCH GX SERIES, AMMETER SWITCH 20A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Resistance & Protection
Frontal IP degree
IP65
Terminals IP degree
IP20
Dimensions

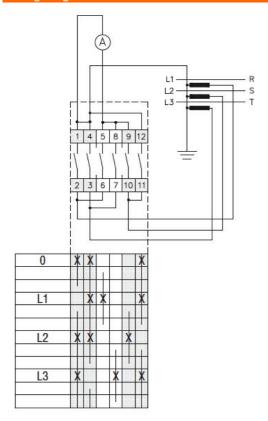




Drillings for 4 screws fixing (4V version).

Corios	Dimensions						L Number of elements												
Series	□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



ENERGY AND AUTOMATION

GX2098U

ROTARY CAM SWITCH GX SERIES, AMMETER SWITCH 20A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Certificates		
	cULus	
	EAC	

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete