electric Rotary cam switch GX series, voltmeter switch for phase-neutral and phase-phase voltages 16A, for front mounting with black handle, front plate 48X48mm **ENERGY AND AUTOMATION** 

Product designation			Rotary cam switches
Product type designation			GX16
General characteristics			00 1/ //
Switching diagram			66 - Voltmeter switch for phase- neutral and phase-phase voltages
N° of elements	Ji IEC/EN V 6 S S S S S S S S S S S S S S S S S S	3	
Mounting form			U - Front mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
			690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	Α	16
	UL/CSA	Α	12
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
			16
			16
	25kA	A	16
Rated short time current lcw			0.50
01	18	A	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
ACT/ACZTA		Δ	16
ΔC15			10
A013	110\/	Δ	10
			4
			1.5
Rated operational power in AC			
Three-phase AC3			
·	220/230V	kW	3.5
	380/440V	kW	4.5
	500/690V	kW	5.5
Single-phase AC3			
			0.55
			1.5
<del></del>	380/440V	kW	2.2
Three-phase AC23A	222/225		0.7
			3.7
			6.5
Single-phase AC23A	300/090V	KVV	7.5
Single-phase AOZSA	110V	kW	0.75
	220/230V	kW	1.8
	ZZ0/Z30 V	1 \ V V	1.0

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		380/440V	kW	3
Rated operational curre				
	DC21A			
		48V	Α	16
		60V	Α	16
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)	0.41/	^	40 (4)
		24V	A	16 (1)
		48V	A	16 (2)
		60V 110V	A	16 (3)
		220V	A	10 (3)
	DC13	2200	A	7 (4)
	DC13	24V	Α	16
		48V		14
		46 V 60 V	A A	10
		110V		
		220V	A A	1 0.4
		440V	A	0.4
Power dissipation		440 V	W	0.6
Power dissipation  Mechanical features			VV	0.0
Terminals screw				3M
Tightening torque for to	erminals may		Nm	0.5
Conductor size	Hillias Hax		1 11111	0.5
Conductor 3ize	AWG - Rigid cable			
	AWG - Rigid Cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVICA	AVVO	12
	AVVG - I lexible cable	min	AWG	20
		Max	AWG	12
	·		$\Delta VV \cup$	1 4
	Conductor size (IEC) - Flevible cable	111601		
	Conductor size (IEC) - Flexible cable		mm²	
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
			mm² mm²	
	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	min Max	mm²	0.5 2.5
		min Max min	mm²	0.5 2.5 0.5
Mechanical life		min Max	mm² mm² mm²	0.5 2.5 0.5 2.5
Mechanical life		min Max min	mm²	0.5 2.5 0.5
UL technical data	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm²	0.5 2.5 0.5 2.5
	Conductor size (IEC) - Rigid cable  -on-line control	min Max min	mm² mm² mm²	0.5 2.5 0.5 2.5
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max	mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control	min Max min Max	mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control	min Max min Max 120V 240V	mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control	min Max min Max 120V 240V 480V	mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V	mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control	min Max min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP	0.5 2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	0.5 2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP	0.5 2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	0.5 2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor  for single-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	0.5 2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	0.5 2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor  for single-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	0.5 2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5

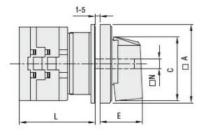
electric
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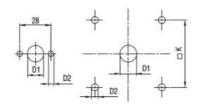
Storage temperature

min °C -40 max °C +70

	max	•	
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20

#### Dimensions

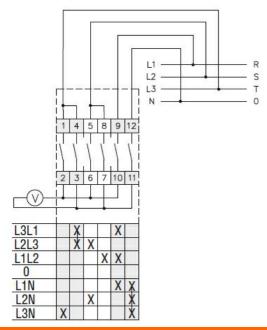




Drillings for 4 screws fixing (4V version).

Series	Dimensions						L Number of elements												
	□A	С	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





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ETIM classification

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ETIM 8.0 EC001105 - Off-load switch