ENERGY AND AUTOMATION



Draduat designation			Rotary cam
Product designation			switches
Product type designation			GX16
General characteristics			92 - ON/OFF
Switching diagram			switch 4 poles
N° of elements			2
			U - Front
Mounting form			mounting with
Contact characteristics			black handle
Rated insulation voltage Ui			
Nated Insulation voltage of	IEC/EN	V	690
	UL/CSA	V	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)	10kA	Α	16
	15kA	A	16
	25kA	A	16
Rated short time current Icw	-		
	1s	Α	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		_	
A C 4 F		Α	16
AC15	110V	Α	10
	220/230V	A	8
	380/400V	Α	4
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3.5
	380/440V	kW	4.5
Cinala abasa AO O	500/690V	kW	5.5
Single-phase AC-3	110V	kW	0.55
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23A		<u> </u>	
·	220/230V	kW	3.7

ENERGY AND AUTOMATION

electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 4 POLES 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

		380/440V	kW	6.5
		500/690V	kW	7.5
	Single-phase AC23A			_
	3 1	110V	kW	0.75
		220/230V	kW	1.8
		380/440V	kW	3
Rated operational cur	rent in DC	3307 1 10 7		
rated operational can	DC21A			
	50217	48V	Α	16
		60V	A	16
		110V	A	4
		220V		0.6
			A	
	D0004 (1 : : :)	440V	Α	0.25
	DC23A (poles in series)	0.437	ā	10 (1)
		24V	Α	16 (1)
		48V	Α	16 (2)
		60V	Α	16 (3)
		110V	Α	10 (3)
		220V	Α	7 (4)
	DC13			
		24V	Α	16
		48V	Α	14
		60V	Α	10
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation		1101		
			W	
			W	0.6
Mechanical features			VV	
Mechanical features Terminals screw	torminals may			3M
Mechanical features Terminals screw Tightening torque for t	terminals max		Nm	
Mechanical features Terminals screw				3M
Mechanical features Terminals screw Tightening torque for t	terminals max AWG - Rigid cable		Nm	3M 0.5
Mechanical features Terminals screw Tightening torque for t		min	Nm AWG	3M 0.5
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable	min Max	Nm	3M 0.5
Mechanical features Terminals screw Tightening torque for t		Max	Nm AWG AWG	3M 0.5 20 12
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable	Max min	Nm AWG AWG	3M 0.5 20 12 20
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max	Nm AWG AWG	3M 0.5 20 12
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable	Max min Max	Nm AWG AWG AWG AWG	3M 0.5 20 12 20 12
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max min	Nm AWG AWG	3M 0.5 20 12 20
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	Nm AWG AWG AWG AWG	3M 0.5 20 12 20 12
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max min Max min	Nm AWG AWG AWG AWG AWG	3M 0.5 20 12 20 12 0.5
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min	Nm AWG AWG AWG AWG AWG	3M 0.5 20 12 20 12 0.5
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	Nm AWG AWG AWG AWG mm² mm²	3M 0.5 20 12 20 12 0.5 2.5
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	3M 0.5 20 12 20 12 0.5 2.5 0.5
Mechanical features Terminals screw Tightening torque for to Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	3M 0.5 20 12 20 12 0.5 2.5
Mechanical features Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	3M 0.5 20 12 20 12 0.5 2.5
Mechanical features Terminals screw Tightening torque for to Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max	AWG AWG AWG AWG mm² mm²	3M 0.5 20 12 20 12 0.5 2.5
Mechanical features Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	Nm AWG AWG AWG AWG mm² mm² mm² cycles	3M 0.5 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶
Mechanical features Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max	AWG AWG AWG AWG mm² mm² cycles	3M 0.5 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶
Mechanical features Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V	Nm AWG AWG AWG AWG mm² mm² cycles	3M 0.5 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶
Mechanical features Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V 480V	Nm AWG AWG AWG AWG mm² mm² cycles	3M 0.5 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶
Mechanical features Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V	Nm AWG AWG AWG AWG mm² mm² cycles	3M 0.5 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶
Mechanical features Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V 480V 600V	Nm AWG AWG AWG AWG mm² mm² cycles HP HP HP HP	3M 0.5 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5
Mechanical features Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V	Nm AWG AWG AWG AWG mm² mm² cycles	3M 0.5 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶

electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 4 POLES 16A, FOR FRONT MOUNTING
WITH BLACK HANDLE, FRONT PLATE 48X48MM

ENERGY AND AUTOMATION Ambient conditions

Temperature

Operating temperature

max	°C	+55
min	°C	-25

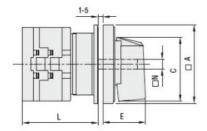
Storage temperature

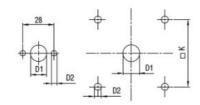
min °C -40 max °C +70

	otection

Frontal IP degree	IP65
Terminals IP degree	IP20

Dimensions

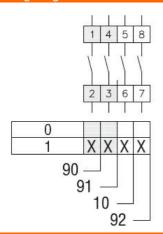




Drillings for 4 screws fixing (4V version).

Series			D	imensio	ns			L Number of elements											
Selles	□A	С	ØD1	ØD2	E	□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

GX1692U

cULus

EAC

ETIM classification





electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 4 POLES 16A, FOR FRONT MOUNTING
WITH BLACK HANDLE, FRONT PLATE 48X48MM

ENERGY AND AUTOMATION

ETIM 8.0

EC001105 - Offload switch