GX1691088



ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 16A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 48X48MM

Mounting form padlockable in 0 door coupling and protection covers Contact characteristics red 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 A 16 UL/CSA A 12 Rated operational voltage V 440 Rated operational voltage V 440 A 16 Maximum fuse size for short-circuit protection In (gG) 10kA A 16 Rated short time current Icw 1s kA 250 Conductivity 10/5 mA/V 00/5 mA/V Operational current Ic IEC/EN A 16 AC1/AC21A A 16 AC15 110/V A 10 220/230V A 8 380/400V A				
Product type designation GX16 Ceneral characteristics 91 - ON/OFF Switching diagram 91 - ON/OFF N° of elements 1 Mounting form 088 - Rear Mounting form padlockable in 0 Contact characteristics overs Rated insulation voltage Ui IEC/EN V 600 UL/CSA V Rated insulation voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN V Rated operational voltage V 440 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 16 10kA 16 15kA 16 10/5 mA/V Operational current lew 1s kA 250 10/5 mA/V 10/5 mA/V Operational current le IEC/EN A 16 10/5 mA/V 10/5 mA/V 10/5 mA/V 0/20/20/V A 8 380/400V	Product designation			
Switching diagram 91 - ON/OFF N° of elements 1 Mounting form 088 - Rear Mounting form padlockable in 0 Contact characteristics padlockable in 0 Rated insulation voltage Ui IEC/EN V 690 UL/CSA V 600 Rated insulation voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN V 690 440 Rated operational voltage V 440 440 Rated operational impulse voltage kV 4 6 Conductivity 10kA 16 15kA 16 Querational current Icw 1 1 1 1 1 Rated operational voltage kV 4 4 1	Product type designation			
Switching diagram switch 2 poles N° of elements 1 OB8 - Rear mounting with red/yellow handling padlockable in O door coupling and protection covers Contact characteristics Rated insulation voltage Ui IEC/EN V 080 - Rated insulation voltage Ui IEC/EN V 600 Rated insulation voltage Ui IEC/EN V 600 Rated inpulse withstand voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN A 16 UL/CSA UL/CSA 4 Rated operational voltage V 440 A Rated operational impulse voltage V 440 A Rated operational impulse voltage V 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 16 15kA Rated short time current Icw 10/5 mA/V Operational current le IEC/EN A AC1/AC21A A A 16 <t< td=""><td>General characteristics</td><td></td><td></td><td></td></t<>	General characteristics			
Mounting form O88 - Rear mounting with red/yellow handl padlockable in 0 door coupling and protection covers Contact characteristics IEC/EN V 690 Rated insulation voltage Ui IEC/EN V 690 QUL/CSA V 600 600 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN A 16 Rated operational voltage V 440 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 16 Rated short time current Icw 1s kA 250 Conductivity 10/5 mA/V 0 0 Operational current Icw 1s kA 250 Conductivity 10/5 mA/V 0 0 Querational current Ic IEC/EN A 16 AC1/AC21A A 16 10/220/230V A 16 10/220/230V A 8 380/400V A 4 10 220/230V A 8	Switching diagram			
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	N° of elements			1
Rated insulation voltage UiIEC/ENV690UL/CSAV600Rated impulse withstand voltage UimpKV6Conventional free air thermal current IthIEC/ENA16UL/CSAA12Rated operational voltageV440Rated operational impulse voltagekV4Maximum fuse size for short-circuit protection In (gG)10kAA1610kAA1625kAA1625kAA1625kAA1625kAA1625kAA1625kAA1625kAA1625kAA1625kAA1625kAA1620010/5 mA/VOperational current Ic IEC/ENA16AC1/AC21AA16AC15110VA10220/230VA8380/400VA4				mounting with red/yellow handle padlockable in 0, door coupling and protection
$\begin{tabular}{ c c c c c c } & IEC/EN & V & 690 \\ \hline UL/CSA & V & 600 \\ \hline Rated impulse withstand voltage Uimp & kV & 6 \\ \hline Conventional free air thermal current Ith & & & & & & & & & & & & & & & & & & &$				
$\begin{tabular}{ c c c c c } \hline UL/CSA & V & 600 \\ \hline \hline Rated impulse withstand voltage Uimp & kV & 6 \\ \hline \hline Conventional free air thermal current lth & & & & & & & & & & & & & & & & & & &$	Rated insulation voltage Ui		V	CO0
$\begin{tabular}{ c c c c c } \hline Rated impulse withstand voltage Uimp & kV & 6 \\ \hline Conventional free air thermal current lth & & & & 16 \\ \hline UL/CSA & A & 12 \\ \hline Rated operational voltage & V & 440 \\ \hline Rated operational impulse voltage & kV & 4 \\ \hline Maximum fuse size for short-circuit protection ln (gG) & & & & & & & & & & & & & & & & & & &$				
Conventional free air thermal current lth IEC/EN A 16 UL/CSA A 12 Rated operational voltage V 440 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 16 15kA A 16 15kA A 16 25kA A 16 25kA A 16 Rated short time current lcw 1s kA 250 250 Conductivity 10/5 mA/V 0perational current le IEC/EN 10/5 mA/V AC1/AC21A A 16 16 AC15 110V A 10 220/230V A 8 380/400V 4	Rated impulse withstand voltage Llimp	01/03/		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				•
$\begin{tabular}{ c c c c c } \hline Rated operational impulse voltage & V & 440 \\ \hline Rated operational impulse voltage & kV & 4 \\ \hline Maximum fuse size for short-circuit protection ln (gG) & 10kA & A & 16 \\ \hline 15kA & A & 16 \\ \hline 25kA & A & 16 \\ \hline 25kA & A & 16 \\ \hline Rated short time current lcw & & & & & & & & & & & & & & & & & & &$		IEC/EN	А	16
Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 16 15kA A 16 25kA A 16 Rated short time current lcw 1s kA 250 250 Conductivity 10/5 mA/V 10/5 mA/V 10/5 mA/V Operational current le IEC/EN A 16 AC1/AC21A A 16 AC15 110V A 10 220/230V A 8 380/400V A		UL/CSA		
Maximum fuse size for short-circuit protection ln (gG) 10kA A 16 15kA A 16 25kA A 16 Rated short time current lcw 1s kA 250 Conductivity 10/5 mA/V Operational current le IEC/EN 10/5 mA/V AC1/AC21A A 16 AC15 110V A 10 220/230V A 8 380/400V A 4	Rated operational voltage		V	440
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Rated operational impulse voltage		kV	4
15kA A 16 25kA A 16 Rated short time current lcw 1s kA 250 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN A 16 AC1/AC21A A 16 AC15 110V A 10 220/230V A 8 380/400V A 4	Maximum fuse size for short-circuit protection In (gG)			
25kA A 16 Rated short time current lcw 1s kA 250 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 16 AC15 110V A 10 220/230V A 8 380/400V A 4				
Rated short time current lcw 1s kA 250 Conductivity 10/5 mA/V Operational current le IEC/EN 10/5 mA/V AC1/AC21A A 16 AC15 110V A 10 220/230V A 8 380/400V A 4				
1s kA 250 Conductivity 10/5 mA/V Operational current le IEC/EN 4 AC1/AC21A A AC15 110V 110V A 110V A 220/230V A 380/400V A	Deted obert time ourrent low	25KA	A	16
Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 16 AC15 110V A 10 220/230V A 8 380/400V A 4	Rated short time current icw	10	kΔ	250
Operational current le IEC/EN AC1/AC21A A 16 AC15 110V A 10 220/230V A 8 380/400V A 4	Conductivity	15	N/N	
AC1/AC21A AC15 AC15 110V A 10 220/230V A 8 380/400V A 4				
AC15 110V A 10 220/230V A 8 380/400V A 4				
110V A 10 220/230V A 8 380/400V A 4			А	16
220/230V A 8 380/400V A 4	AC15			
380/400V A 4				
660/690V A 1.5				
Rated operational power in AC	Poted operational newer in AC	660/690V	A	1.5
Three-phase AC-3				
220/230V kW 3.5		220/230V	kW	3.5
380/440V kW 4.5				
500/690V kW 5.5				
Single-phase AC-3 110V kW 0.55	Single-phase AC-3	110V	kW	0.55

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		220/230V	kW	1.5
		380/440V	kW	2.2
	Three-phase AC23A			
		220/230V	kW	3.7
		380/440V	kW	6.5
		500/690V	kW	7.5
	Single-phase AC23A	000/0301	12.0.0	
	Single-phase AUZSA	110V	kW	0.75
		220/230V	kW	1.8
		380/440V	kW	3
Rated operational curre				
	DC21A			
		48V	А	16
		60V	А	16
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			· -
		24V	А	16 (1)
		24 V 48 V	A	16 (2)
		48V 60V		
			A	16 (3) 10 (2)
		110V	A	10 (3)
		220V	A	7 (4)
	DC13			
		24V	А	16
		48V	Α	14
		60V	А	10
		110V	А	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
	arminolo mov		Nim	
Tightening torque for te			Nm	0.5
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			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			-
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life		ividă		
			cycles	1X10 ⁶
UL technical data				
Motor power for direct-				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5

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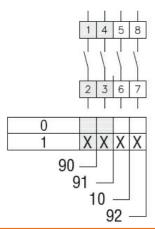


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		600V	HP	5
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protec	tion			
Frontal IP degree				IP65
Terminals IP degree				IP20
Dimensions				

Series				Dimer	nsions					l	_	
Series	□A	D1	D2	E	F	□K	G	S	1	2	3	12
GX16	48	12	5	34.2	52	36	5	45-55	40	48.5	57	133.5
GX20	48	12	5	34.2	52	36	5	45-55	40	48.5	57	133.5
GX32	65	14	5	38	68	48	6	45-55	51	63	75	183
GX40	65	14	5	38	68	48	6	45-55	51	63	75	183

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14 IEC/EN/BS 60947-1

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	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
	IEC/EN/BS 61058-1	
	UL60947-4-1	
Certificates		
	cULus	
	EAC	
ETIM classification		
		EC001029 -
ETIM 8.0		Selector switch,

Selector switch, complete

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