

ROTARY CAM SWITCH GX SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 16A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 48X48MM

Product type designation GX16 General characteristics CX16 Switching diagram CX16 CX16 Switching diagram CX16 CX16 Switching diagram CX16 CX16 Switching diagram CX17 N° of elements Z V25 - 1-phase N° of elements Z V25 - Front mounting with red/yellow hance padlockable in padlockable in tred/yellow hance padlockable in tred/yellow hance Contact characteristics Contact the current lth IEC/EN A 16 IEC/EN A 16 ISKA A 16 ISKA A 16 Conductivity Condu	Product designation			Rotary cam
General characteristics 25 - 1-phase motor reversing switch with spri return   N° of elements 2   N° of elements 2   U25 - Front mounting with red/vellow hanc padiockable into covers U25 - Front mounting with red/vellow hanc padiockable into covers   Contact characteristics 1   Rated insulation voltage Ui IEC/EN V   600 0   Rated insulation voltage Ui IEC/EN X   600 0 KV 6   Conventional free air thermal current Ith IEC/EN A 16   Rated operational voltage KV 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   Qperational current Icw 1s KA 250   Conductivity 10/5 mA/V 0 10/5 mA/V   Operational current Icw 1s KA 250   Conductivity 10/5 mA/V 220/230V A 8   380/400V A 16 10/5 mA/V   220/230V A 8 380/400V A   600/990V A 1.5 1.5   Rated ope	-			
Switching diagram   25 - 1-phase motor reversing switch with sprinterum     N° of elements   2     Mounting form   U25 - Front mounting with mounting with Mounting form   U25 - Front mounting with mounting with with mounting with mounting with mounting mounting with mounting with mounting with mounting wi				GX16
Switching diagram   motor reversing switch with sprin return     N° of elements   2     Wounting form   U25 - Front mounting with red/yellow hance padlockable in and protection covers     Contact characteristics     Rated insulation voltage Ui     IEC/EN   V     Bated insulation voltage Uimp     KV   6     Conventional free air thermal current Ith     IEC/EN   X     Rated operational voltage   V     440   A     Rated operational voltage   V     440   A     Rated operational impulse voltage   KV     4   16     15kA   A     16   15kA     25kA   A     18   kA     25kA   A     16   10/5 mA/V     Operational current Icw   1     AC1/AC21A   A     AC15   100/5 mA/V     20/230V   A   8     380/400V   A   16     220/230V   KW   3.5	General characteristics			
Mounting form U25 - Front mounting with red/yellow hance padlockable int and protection covers   Contact characteristics IEC/EN   Rated insulation voltage Ui IEC/EN   V 690   UL/CSA V   Conventional free air thermal current Ith IEC/EN   Rated operational voltage V   440 A   Rated operational voltage V   440 A   Rated operational impulse voltage V   440 A   Rated short time current low 10kA   A 16   Conductivity 10/5 mA/V   Operational current le IEC/EN 4   AC1/AC21A A   AC15 110V   A 16   Rated operational power in AC 10   220/230V kW 3.5				motor reversing switch with spring return
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	N° of elements			
Rated insulation voltage UiIEC/EN UL/CSAV690 600Rated impulse withstand voltage UimpkV6Conventional free air thermal current IthIEC/EN UL/CSAA16 12Rated operational voltageV440Rated operational voltageV440Rated operational impulse voltagekV4Maximum fuse size for short-circuit protection In (gG)10kA 15kAA16 16 15kARated short time current Icw1kA250Conductivity110/5 mA/V0Operational current le IEC/EN AC1/AC21AA16 4AC15110V 380/400VA10 4Rated operational power in AC Three-phase AC-3220/230VKW3.5				mounting with red/yellow handle padlockable in 0 and protection
IEC/EN     V     690       Rated impulse withstand voltage Uimp     KV     6       Conventional free air thermal current lth     IEC/EN     A     16       UL/CSA     A     12     Rated operational voltage     V     440       Rated operational voltage     V     440     4     Maximum fuse size for short-circuit protection ln (gG)     10kA     A     16       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     16       Conductivity     10kA     A     16       Conductivity     10/5 mA/V     0       Operational current le     A     16       AC1/AC21A     A     10       AC15     110V     A     8       380/400V     A     4       660/690V     A     1.5       Rated operational power in AC     Three-phase AC-3     220/230V     KW     3.5				
$ \begin{array}{c} \hline \mbox{Conventional free air thermal current lth} & \ & \ & \ & \ & \ & \ & \ & \ & \ & $			V	600
$\begin{tabular}{ c c c c c c c } \hline IEC/EN & A & 16 \\ UL/CSA & A & 12 \\ \hline Rated operational impulse voltage & V & 440 \\ \hline Rated operational impulse voltage & kV & 4 \\ \hline Maximum fuse size for short-circuit protection ln (gG) & & & & & & & & & & & & & & & & & & &$			KV	6
Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     16       15kA     A     16     15kA     A     16       Rated short time current lcw     1s     kA     250     25kA     A     16       Conductivity     10/5 mA/V     10/5 mA/V     10/5 mA/V     0/5 mA/V       Operational current le IEC/EN     A     16     16     16       AC1/AC21A     A     16     10/5 mA/V     10     220/230V     A     16     10     10/5 mA/V     10     10/5 mA/V     10/5 mA/V     10     10/5 mA/V     10/5 mA/V     10/5 mA/V     10/5 mA/V     10     10/5 mA/V     10/5 mA/V </td <td>Conventional free air thermal current ith</td> <td></td> <td></td> <td></td>	Conventional free air thermal current ith			
Maximum fuse size for short-circuit protection In (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       AC1/AC21A     A     16       AC15       110V     A     10       220/230V     A     8       380/400V     A     4       660/690V     A     1.5       Rated operational power in AC       Three-phase AC-3     220/230V     KW     3.5				
10kA     A     16       15kA     A     16       25kA     A     16       Rated short time current Icw     1s     kA     250       Conductivity     10/5 mA/V     10/5 mA/V       Operational current le IEC/EN     4     16       AC1/AC21A     A     16       AC15     110V     A     10       220/230V     A     8     380/400V     A       Rated operational power in AC     Three-phase AC-3     220/230V     kW     3.5			kV	4
15kA     A     16       Rated short time current lcw     1s     kA     250       Conductivity     1s     kA     250       Operational current le IEC/EN     10/5 mA/V     00/5 mA/V       AC1/AC21A     A     16       AC15     110V     A     10       220/230V     A     8     380/400V     A       Rated operational power in AC     1.5     110V     A     1.5       Rated operational power in AC     Three-phase AC-3     220/230V     KW     3.5	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       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       660/690V     A     1.5     1.5     1.5       Rated operational power in AC     Three-phase AC-3     220/230V     kW     3.5				
Rated short time current lcw     1s     kA     250       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       660/690V     A     1.5     1.5     1.5       Rated operational power in AC       Three-phase AC-3     220/230V     kW     3.5				
1s     kA     250       Conductivity     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A       AC1/AC21A     A     16       AC15     110V     A     10       220/230V     A     8     380/400V     A     4       660/690V     A     1.5     1.5     1.5       Rated operational power in AC       Three-phase AC-3     220/230V     KW     3.5		25kA	A	16
Conductivity     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A       AC1/AC21A     A       AC15     110V       110V     A       220/230V     A       8     380/400V       660/690V     A       Actor     660/690V       Actor     220/230V       Actor     Actor	Rated short time current Icw			
AC1/AC21A     A     16       AC15     110V     A     10       220/230V     A     8     380/400V     A     4       660/690V     A     1.5     1.5     1.5     1.5       Rated operational power in AC       Three-phase AC-3     220/230V     kW     3.5		1\$	kA	
AC1/AC21A AC15 110V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.5				10/5 mA/V
A   16     AC15   110V   A   10     220/230V   A   8     380/400V   A   4     660/690V   A   1.5     Rated operational power in AC Three-phase AC-3     220/230V   kW   3.5	•			
AC15   110V   A   10     220/230V   A   8     380/400V   A   4     660/690V   A   1.5     Rated operational power in AC     Three-phase AC-3     220/230V   kW   3.5	AC1/AC21A		•	40
110V   A   10     220/230V   A   8     380/400V   A   4     660/690V   A   1.5     Rated operational power in AC     Three-phase AC-3     220/230V   kW   3.5	1045		A	16
220/230V   A   8     380/400V   A   4     660/690V   A   1.5     Rated operational power in AC     Three-phase AC-3     220/230V   kW   3.5	ACI5	110\/	۸	10
380/400V     A     4       660/690V     A     1.5       Rated operational power in AC       Three-phase AC-3       220/230V     kW     3.5				
660/690VA1.5Rated operational power in AC Three-phase AC-3220/230VkW220/230VkW3.5				
Rated operational power in AC Three-phase AC-3 220/230V kW 3.5				
Three-phase AC-3 220/230V kW 3.5	Rated operational power in AC			
220/230V kW 3.5				
		220/230V	kW	3.5
380/440V kW 4.5		380/440V	kW	4.5
500/690V kW 5.5			kW	
Single-phase AC-3	Single-phase AC-3			
110V kW 0.55				
220/230V kW 1.5				
380/440V kW 2.2		380/440V	kW	2.2
Three-phase AC23A	Three-phase AC23A			
220/230V kW 3.7				
380/440V kW 6.5				
500/690V kW 7.5 Single-phase AC23A	Cincle phase ACCOA	200/690V	KVV	C.1

Single-phase AC23A

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		110V	kW	0.75
		220/230V	kW	1.8
Deted an erotional a	urrent in DO	380/440V	kW	3
Rated operational cu	DC21A			
	DC21A	40\/	۸	10
		48V 60V	A	16
			A	16
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	0.01/		
		24V	A	16 (1)
		48V	A	16 (2)
		60V	A	16 (3)
		110V	A	10 (3)
		220V	A	7 (4)
	DC13			
		24V	A	16
		48V	А	14
		60V	А	10
		110V	А	1
		220V	А	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				ЗM
Fightening torque fo	r terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	C C C C C C C C C C C C C C C C C C C	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	Max	/	12
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVIDA		2.0
	Conductor Size (IEC) - Migia Cable	min	mm²	0.5
			mm²	0.5 2.5
Mechanical life		Max		
			cycles	1X10 <sup>6</sup>
JL technical data	et en line control			
Notor power for dire				
	for three-phase motor	1001		4 5
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1
Ambient conditions				
emperature				
	Operating temperature			

Operating temperature

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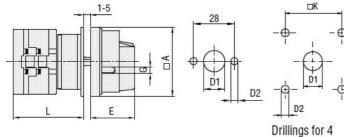
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	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimonsions			

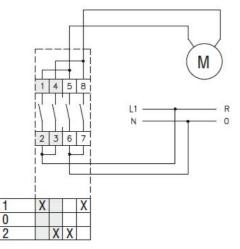
Dimensions



screws fixing (4V version).

Corioo	Dimensions			L						
Series	$\Box A$	D1	D2	E	G	$\Box K$	1	2	3	12
GX16	48	12	5	34.2	5	36	43	51.5	60	136.5
GX20	48	12	5	34.2	5	36	43	51.5	60	136.5
GX32	65	14	5	38	6	48	51	63	75	183
GX40	65	14	5	38	6	48	51	63	75	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

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EAC ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete