

# ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 20A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 48X48MM

Product passignation	Don Lot Lotte office				Rotary cam
Switching diagram   Switching diagram   Switching diagram   Switching diagram   Switch 1 pole   N° of elements   1	Product designation				switches
Switching diagram         05 - ONOFF switch 1 pole           N° of elements         1           Wounting form         U25 - Front mounting with red yellow handle padlockable in 0 and protection covers           Contact characteristics           Rated insulation voltage UI         IEC/EN ULCSA V 600           Rated impulse withstand voltage Uimp         IEC/EN A 20           Conventional free air thermal current ith         IEC/EN A 20           Rated operational voltage         V 440           Rated operational impulse voltage         KV 4           Maximum fuse size for short-circuit protection In (gG)         10KA A 20           Rated short time current lcw         10KA A 20           Rated short time current lcw         10KA A 20           Conductivity         20           AC1/AC21A         20           AC1/BC AC21A         20           Rated operational power in AC         20           Three-phase AC-3					GX20
No of elements		5			
Mounting form					
Contact characteristics					U25 - Front mounting with red/yellow handle padlockable in 0
Rated insulation voltage Ui   IEC/EN					·
Rated impulse withstand voltage Uimp					
Rated impulse withstand voltage Uimp	Rated insulation voltage	je Ui	1=0/=1	.,	
Rated impulse withstand voltage Uimp			= :		
Conventional free air thermal current lith	Poted impulse withete	nd voltage Llimp	UL/CSA		
Rated operational voltage   V   V   V		<del>-</del>		KV	0
Rated operational voltage	Conventional free all ti	lennal current fur	IFC/FN	Α	20
Rated operational voltage					
Rated operational impulse voltage   RV   4	Rated operational volt	age			
10kA				kV	4
Table	Maximum fuse size for	r short-circuit protection In (gG)			·
Rated short time current Icw   1s			10kA	Α	20
Rated short time current low				Α	
1s			25kA	Α	20
Conductivity	Rated short time curre	nt lcw			
A	<u> </u>		1s	kA	
AC1/AC21A  AC15  T10V A 10 220/230V A 8 380/400V A 6 660/690V A 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  Three-phase AC-3  220/230V kW 1.8 380/440V kW 3.7  220/230V kW 5.5  500/690V kW 7.5  Single-phase AC23A  Three-phase AC23A  220/230V kW 4 380/440V kW 3  Three-phase AC23A		IEO/EN			10/5 mA/V
AC15    110V   A   10     220/230V   A   8     380/400V   A   6     660/690V   A   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     380/440V   kW   3     Three-phase AC23A     220/230V   kW   4     380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A     110V   kW   0.75     Single-phase AC23A     Single-phase	Operational current le				
AC15  110V A 10 220/230V A 8 380/400V A 6 660/690V A 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 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 7.5  Single-phase AC23A  110V kW 7.5 500/690V kW 7.5  Single-phase AC23A		ACT/ACZTA		Δ	20
110V		AC15			
220/230V			110V	Α	10
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 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 3  Three-phase AC23A  220/230V kW 7.5 500/690V kW 7.5 500/690V kW 7.5					
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 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A			380/400V	Α	6
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 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75			660/690V	Α	1.5
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 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A	Rated operational pow				
380/440V kW 5.5 500/690V kW 5.5  Single-phase AC-3  110V kW 0.75 220/230V kW 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75		Three-phase AC-3			
500/690V     kW     5.5       Single-phase AC-3     110V     kW     0.75       220/230V     kW     1.8       380/440V     kW     3       Three-phase AC23A       220/230V     kW     4       380/440V     kW     7.5       500/690V     kW     7.5       Single-phase AC23A       110V     kW     0.75					
Single-phase AC-3  110V kW 0.75 220/230V kW 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75					
110V kW 0.75 220/230V kW 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75		Single phase AC 2	500/690V	KVV	5.5
220/230V kW 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75		Single-phase AC-3	110\/	k\٨/	0.75
380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75					
Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75					
220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75		Three-phase AC23A	230,		
500/690V kW 7.5 Single-phase AC23A 110V kW 0.75		•	220/230V	kW	4
Single-phase AC23A 110V kW 0.75			380/440V	kW	7.5
110V kW 0.75			500/690V	kW	7.5
		Single-phase AC23A			
220/230V kW 2.2					
			220/230V	KVV	2.2



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Rated operational current in DC   DC21A	) )
ABV	) )
Conductor size   Cond	) )
110V	) )
DC23A (poles in series)	) )
DC23A (poles in series)   24V	) )
DC23A (poles in series)	) )
24V	) )
ABV	) )
Conductor size   Cond	)
110V A 10 (3)   220V A 8 (4)   DC13   24V A 20   48V A 16   60V A 12   110V A 1.   120V A 0.4   140V A 0.15   120V A 0.4   140V A 0.15   120V A 0.4   120V A 0.15   120V A 0.4   120V A 0.4   120V A 0.15   120V A 0.4   120V A 0.4   120V A 0.4   120V A 0.5	
DC13	
DC13	
24V	
ABV	
Conductor size   AWG - Flexible cable   Min   AWG   20	
110V A 1   220V A 0.4   440V A 0.15   Power dissipation	
220V A 0.4   440V A 0.15	
Power dissipation   W   0.6	
Power dissipation         W         0.6           Mechanical features           Terminals screw         M3           Tightening torque for terminals max         Nm         0.8           Conductor size           AWG - Rigid cable         min         AWG         20           Max         AWG         12           AWG - Flexible cable         min         AWG         20	
Mechanical features           Terminals screw         M3           Tightening torque for terminals max         Nm         0.8           Conductor size         min         AWG 20           Max         AWG 12           AWG - Flexible cable         min         AWG 20	
Terminals screw         M3           Tightening torque for terminals max         Nm         0.8           Conductor size         min         AWG - Rigid cable           Max         AWG - Service         20           Max         AWG - 12           AWG - Flexible cable         min         AWG - 20	
Tightening torque for terminals max         Nm         0.8           Conductor size         min AWG 20           Max         AWG 12           AWG - Flexible cable         min AWG 20	
Conductor size           AWG - Rigid cable         min         AWG         20           Max         AWG         12           AWG - Flexible cable         min         AWG         20	
AWG - Rigid cable  min AWG 20  Max AWG 12  AWG - Flexible cable  min AWG 20	
min AWG 20   Max AWG 12	
AWG - Flexible cable min AWG 20	
AWG - Flexible cable min AWG 20	
min AWG 20	
Max AWG 12	
Conductor size (IEC) - Flexible cable	
min mm² 0.5	
Max mm <sup>2</sup> 2.5	
Conductor size (IEC) - Rigid cable	
min mm² 0.5	
Max mm² 2.5	
Mechanical life cycles 1X10	0
UL technical data	
Motor power for direct-on-line control	
for three-phase motor	
120V HP 1.5	
240V HP 3	
480V HP 5	
600V HP 5	
for single-phase motor	
120V HP 0.75	
240V HP 1.5	
Ambient conditions Temporature	
Temperature  Operating temperature	
Operating temperature	
min °C -25 max °C +55	
max °C +55	



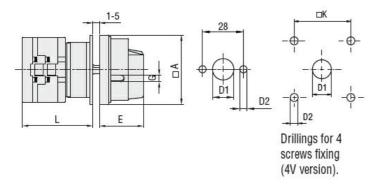
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Storage temperature
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min	°C	-40
max	°C	+70

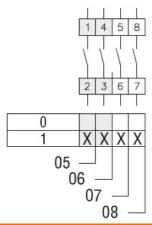
	 -	
Resistance & Protection		
Frontal IP degree		IP65
Terminals IP degree		IP20

#### Dimensions



Carias			Dime	nsions				- 1		
Series	□A	D1	D2	Е	G	□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 EAC

### ETIM classification



**ENERGY AND AUTOMATION** 

## GX2005U25

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ETIM 8.0

EC001029 -Selector switch, complete