

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 40A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM



Switches Froduct yee designation Froduct yee yee yee yee yee yee yee yee yee ye	Product designation			Rotary cam
Several characteristics				
Switching diagram				/GN40
Switch 2 poles Switch 2 poles N° of elements 1				91 - ON/OFF
Mounting form				
Mounting form Mounting form Mounting with redevilence where devilence wh	N° of elements			
Rated insulation voltage Ui				mounting with red/yellow handle padlockable in 0 and protection
IEC/EN V 690 UL/CSA V 600 Rated impulse withstand voltage Uimp EC/EN KV 6 Conventional free air thermal current Ith IEC/EN A 40 UL/CSA A 50 Rated operational voltage V 480 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 40 15kA A 40 10kB A				
Rated impulse withstand voltage Uimp	Rated Insulation voitage Of			
IEC/EN	Rated impulse withstand voltage Uimp		kV	6
Rated operational voltage V 480	Conventional free air thermal current Ith			
Rated operational voltage V				
Rated operational impulse voltage kV 4		UL/CSA		
Maximum fuse size for short-circuit protection In (gG) 10kA				
10kA			KV	4
15kA	Maximum ruse size for short-circuit protection in (go)	10kA	Α	40
25kA				
Rated short time current lcw			Α	
Rated short time current Icw 1s kA 1000 Conductivity Operational current le IEC/EN AC1/AC21A AC15 110V A 25 220/230V A 22 380/400V A 12 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 8 380/440V kW 15 500/690V kW 15		50kA	Α	40
1s		63kA	Α	40
Conductivity	Rated short time current Icw			
Operational current le IEC/EN AC1/AC21A AC15 110V A 25 220/230V A 22 380/400V A 12 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 8 380/440V kW 15 500/690V kW 15		1s	kA	
AC1/AC21A AC15 110V A 25 220/230V A 22 380/400V A 12 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 8 380/440V kW 15 500/690V kW 15	·			10/5 mA/V
A 40 AC15 110V A 25 220/230V A 22 380/400V A 12 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 8 380/440V kW 15 500/690V kW 15	·			
AC15 110V A 25 220/230V A 22 380/400V A 12 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 8 380/440V kW 15 500/690V kW 15	ACT/ACZTA		Α	40
110V A 25	AC15			
220/230V A 22 380/400V A 12 660/690V A 2		110V	Α	25
Rated operational power in AC Three-phase AC-3 220/230V kW 8 380/440V kW 15 500/690V kW 15		220/230V	Α	22
Rated operational power in AC Three-phase AC-3 220/230V kW 8 380/440V kW 15 500/690V kW 15				
Three-phase AC-3 220/230V kW 8 380/440V kW 15 500/690V kW 15		660/690V	Α	2
220/230V kW 8 380/440V kW 15 500/690V kW 15				
380/440V kW 15 500/690V kW 15	Inree-phase AC-3	220/22017	L\\\	0
500/690V kW 15				
	Single-phase AC-3	223,223		





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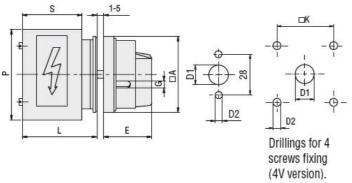
		110V	kW	3
		220/230V	kW	6.5
		380/440V	kW	8
	Three phase AC22A	300/4401	K V V	0
	Three-phase AC23A	220/230V	kW	8
		380/440V	kW	18.5
	0'	500/690V	kW	22
	Single-phase AC23A	440)/	1-147	0
		110V	kW	3
		220/230V	kW	6
		380/440V	kW	11
Rated operational co				
	DC21A			
		48V	Α	40
		60V	Α	40
		110V	Α	6
		220V	Α	0.9
	DC23A (poles in series)			
		24V	Α	40 (1)
		48V	Α	40 (2)
		60V	Α	40 (3)
		110V	Α	20 (3)
		220V	Α	12 (4)
	DC13			()
		24V	Α	40
		48V	Α	32
		60V	A	16
		110V	Α	3
Power dissipation		1101	W	2.0
Mechanical features			V V	2.0
Terminals screw	,			M4
Tightening torque fo	or terminals may		Nm	1.2
Conductor size	Tominale max			1.6
Outladdioi 3i20	AWG - Rigid cable			
	AWG - Nigiti cable	min	AWG	16
		min May		
	AWC Florible askla	Max	AWG	8
	AWG - Flexible cable			4.0
		•	A 1 A / C	1.6
		min	AWG	16
		min Max	AWG AWG	10
	Conductor size (IEC) - Flexible cable	Max	AWG	10
	Conductor size (IEC) - Flexible cable	Max min	AWG	1.5
		Max	AWG	10
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max	AWG mm² mm²	1.5 6
		Max min Max min	AWG mm² mm² mm²	1.5 6 1.5
		Max min Max	MMG mm² mm² mm² mm²	1.5 6 1.5 1.0
		Max min Max min	AWG mm² mm² mm²	1.5 6 1.5
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min	MMG mm² mm² mm² mm²	1.5 6 1.5 1.0
Mechanical life UL technical data Motor power for dire	Conductor size (IEC) - Rigid cable	Max min Max min	MMG mm² mm² mm² mm²	1.5 6 1.5 1.0
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min	MMG mm² mm² mm² mm²	1.5 6 1.5 1.0
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min	MMG mm² mm² mm² mm²	1.5 6 1.5 1.0
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG mm² mm² mm² cycles	1.5 6 1.5 1.0 5x10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG mm² mm² mm² cycles	1.5 6 1.5 10 5x10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V	AWG mm² mm² mm² cycles HP HP	1.5 6 1.5 10 5x10 ⁶



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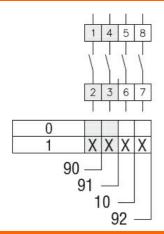
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			_
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP40
Terminals IP degree				IP00
Discount of the second				

Dimensions



Series	Dimensions								
	□A	D1	D2	Е	G	□K	S	Р	L
7GN12	65	12	5	34.2	5	36	43	64	54.3
7GN20	65	12	5	34.2	5	36	43	64	54.3
7GN25	65	12	5	34.2	5	36	51	68	62.6
7GN32	65	14	5	38	6	48	55	77	71.7
7GN40	65	14	5	38	6	48	55	77	71.7

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

UL60947-4-1



ENERGY AND AUTOMATION

7GN4091U25

complete

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Certificates		
	cCSAus	
	EAC	
	UL	
ETIM classifica	tion	
ETIM 8.0		EC001029 - Selector switch,

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding