

ENERGY AND AUTOMATION

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 25A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM



Note Sessionation Sessionation Sessionation Sessionate Ses	Product designation			Rotary cam
Semeral characteristics	•			
Switching plagram switch 4 poles N° of elements 2 O88 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers Contact characteristics Rated insulation voltage Ui IEC/EN V 690 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current lth IEC/EN A 25 Conventional voltage kV 4 Rated operational voltage kV 4 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 25 Rated short time current lcw 1s kA 400 Conductivity 10/5 mA/V Operational current le IEC/EN 1s kA 400 Conductivity 10/5 mA/V Operational current le IEC/EN A 25 AC1/AC21A A 25 AC20/230V A 16 220/230V A 12 380/40VV A 2				7 01120
N° of elements	Switching diagram			
Mounting form Section Section	N° of elements			
Rated insulation voltage Ui				mounting with red/yellow handle padlockable in 0, door coupling and protection
IEC/EN V 690				
Conventional free air thermal current lth	raisa madatan valaga an			
IEC/EN	Rated impulse withstand voltage Uimp		kV	6
Rated operational voltage	Conventional free air thermal current Ith			
Rated operational voltage				
Rated operational impulse voltage kV 4	Poted energianal voltage	UL/CSA		
Maximum fuse size for short-circuit protection In (gG)				
10kA A 25 15kA A 25 25kA A 25 3kA 400 400 5 mA/V Operational current le IEC/EN AC1/AC21A			IX V	
25kA A 25	(30)	10kA	Α	25
Rated short time current lcw 1s kA 400 Conductivity Operational current le IEC/EN AC1/AC21A AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3		15kA	Α	25
1s		25kA	Α	25
Conductivity	Rated short time current lcw	4 -		400
Operational current le IEC/EN AC1/AC21A AC15 AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3	Conductivity	1s	KA	
AC1/AC21A AC15 AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3				10/5 IIIA/ V
AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3	·			
110V A 16 220/230V A 12 380/400V A 8 660/690V A 2			Α	25
220/230V A 12 380/400V A 8 660/690V A 2	AC15			
380/400V A 8 660/690V A 2				
Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3				
Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3				
Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3	Rated operational power in AC	000/090 V	A	
220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3				
Single-phase AC-3	•	220/230V	kW	5.5
Single-phase AC-3			kW	
		500/690V	kW	7.5
	Single-phase AC-3	110V	kW	1.5



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		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A			
	'	220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A	000/0001		
	Olligic phase A025A	110V	kW	1.5
		220/230V	kW	3.7
Detail and the second		380/440V	kW	5.5
Rated operational curr				
	DC21A	4017		-
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)			
		24V	Α	25 (1)
		48V	Α	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	Α	10 (4)
	DC13			
		24V	Α	25
		48V	Α	20
		60V	Α	16
		110V	Α	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features			• • •	11.1
Terminals screw				M3.5
Tightening torque for to	orminale may		Nm	0.8
Conductor size	emmas max		INIII	0.0
Conductor Size	AMO Dividende			
	AWG - Rigid cable		414/0	00
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct	-on-line control			
	for three-phase motor			
	•	120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
		000 V	1 11	
	for single-phase motor			

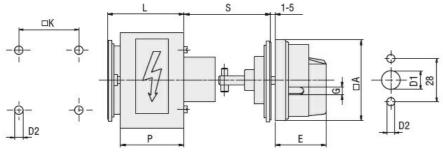


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Dimensions

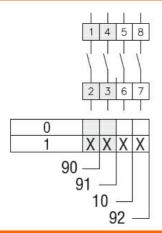
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	120V	HP	1.5
	240V	HP	3
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00



Carios	Dimensions								
Series	□A	D1	D2	Е	G	□K	S	Р	L
7GN12	65	12	5	34.2	5	36	45-55	43	51.3
7GN20	65	12	5	34.2	5	36	45-55	43	51.3
7GN25	65	12	5	34.2	5	36	45-55	51	59.6
7GN32	65	14	5	38	6	48	45-55	55	68.7
7GN40	65	14	5	38	6	48	45-55	55	68.7

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



7GN2592O88

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	UL60947-4-1
Certificates	
	cCSAus
	EAC
	UL
ETIM classification	

EC001105 - Off-ETIM 8.0 load switch