

7GN2093O48 ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 3 POLES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Induct bools of the set of the	Product designation				^a Rotary cam
General characteristics 93 - Multi-step 1 Switching diagram 03 - Multi-step 1 N° of elements 048 - Modular service cover for 35mm din rail mounting with black handle Contact characteristics 048 - Modular service cover for 35mm din rail mounting with black handle Contact characteristics 048 - Modular service cover for 35mm din rail mounting with black handle Contact characteristics 048 - Modular service cover for 35mm din rail mounting with black handle Contact characteristics v Rated insulation voltage UII IEC/EN V Conventional free air thermal current Ith IEC/EN A Rated operational voltage kV 4 Rated operational impulse voltage kV 4 Rated operational impulse voltage kV 4 Rated short time current Icw 15 A 16 Conductivity 10/5 mA/V 0 Operational current Ie IEC/EN A 20 AC15 110V A 16 Rated operational power in AC 220/230V KW 3 Rated operational power in AC 220/230V KW	-	lion			
Switching Judgatin 2-3 3 poles N° of elements 5 Mounting form 048 - Modular 36mm din rail mounting with black handle Contact characteristics					7 GINZO
N° of elements 5 Mounting form O48 - Modular service cover for 35mm din rail mounting with black handle Contact characteristics IEC/EN V 690 Rated insulation voltage Ui IEC/EN V 690 Conventional free air thermal current Ith IEC/EN A 20 Rated operational voltage V 480 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 16 Rated short time current Icw 1s A 250 Conductivity 10/5 mA/V Operational current Ic IEC/EN A 20 10/5 mA/V 20 220/230V A 8 AC15 110V A 10 220/230V A 8 380/440V KW 3.5 Rated operational power in AC 220/230V KW 3.5 500/690V A 6 6 6 6 6 6 6 6 6 6 6 5.5	Switching diagram				
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Operational current le IEC/EN A 20 AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 1.5 1.5 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 500/690V kW 2.2 380/440V kW 0.8 220/230V kW 2.2 380/440V kW 3 <td>Conductivity</td> <td></td> <td>15</td> <td></td> <td></td>	Conductivity		15		
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380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8		inree-phase AC23A	220/2201/	F/V1	5
500/690V kW 7.5 Single-phase AC23A 110V kW 0.8					
Single-phase AC23A 110V kW 0.8					
110V kW 0.8		Single-phase AC23A	000,000		
220/230V kW 2.5		~ ,	110V	kW	0.8
			220/230V	kW	2.5

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7GN2093O48 ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 3 POLES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

		380/440V	kW	3.7
Rated operational curr	rent in DC			
	DC21A			
		48V	А	20
		60V	А	20
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	А	10 (3)
		220V	А	8 (4)
	DC13			
		24V	А	20
		48V	А	16
		60V	A	12
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		1101	W	0.8
Mechanical features				0.0
Terminals screw				M3
Tightening torque for t	erminals may		Nm	0.5
Conductor size			1 111	0.0
	AWG Bigid coblo			
	AWG - Rigid cable	min	AWG	20
		min		
		Max	AWG	12
	AWG - Flexible cable			20
		min	AWG	20
	Openductor size (IEO) Elevible poble	Max	AWG	14
	Conductor size (IEC) - Flexible cable			0.5
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		2	o -
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	7.5
		600V	HP	10
	for single-phase motor			
		120V	HP	0.75
		240V	HP	2
Ambient conditions				
Temperature				_
	Operating temperature			
		min	°C	-25
		max	°C	+55

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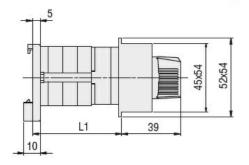
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



7GN2093O48 ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 3 POLES 20A, MODULAR SERVICE

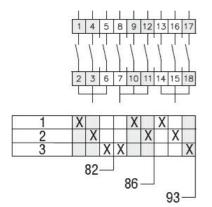
COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			



Cariaa	L1			
Series	1	2	3	
7GN12	38.1	47.8	57.5	
7GN20	38.1	47.8	57.5	
7GN25	42.5	56.1	69.7	

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	
Certificates		
	cCSAus	
	EAC	
	UL	
ETIM classification		
ETIM 8.0		EC001029 - Selector switch, complete