

7GN1283O48 ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 1 POLE 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

				Rotary cam
Product designation				switches
Product type designation General characteristics				7GN12
				83 - Multi-step 1-
Switching diagram				2-3-4 1 pole
N° of elements				2
				O48 - Modular service cover for
Mounting form				35mm din rail
Ū				mounting with
Contact characteristics				black handle
Rated insulation voltag				
rated mediation vehicy		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar			kV	6
Conventional free air th	ermal current Ith			10
		IEC/EN UL/CSA	A A	16 15
Rated operational volta	ade	UL/CSA	X	480
Rated operational impl	-		kV	4
	short-circuit protection In (gG)			
		10kA	А	16
		15kA	A	10
Rated short time curren	at low	25kA	A	10
Rated Short time curren		1s	kA	200
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			10
	AC15		A	16
	AC15	110V	А	10
		220/230V	A	8
		380/400V	А	4
		660/690V	А	1.5
Rated operational pow				
	Three-phase AC-3	220/230V	kW	2.5
		380/440V	kW	4
		500/690V	kW	5.5
	Single-phase AC-3			
		110V	kW	0.8
		220/230V 380/440V	kW kW	1.5 2.2
	Three-phase AC23A	500/440 V		2.2
		220/230V	kW	3
		380/440V	kW	5.5
		500/690V	kW	7.5
	Single-phase AC23A	44017	1.1.1.1	0.9
		110V 220/230V	kW kW	0.8 1.7
		380/440V	kW	3

7GN1283O48



ENERGY AND AUTOMATION

Rated operational c	urrent in DC			
	DC21A			
		48V	А	12
		60V	A	12
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)			
		24V	А	10 (1)
		48V	А	10 (2)
		60V	А	10 (3)
		110V	A	5 (3)
		220V	A	
	2010	220 V	A	5 (4)
	DC13			
		24V	A	12
		48V	Α	10
		60V	А	8
		110V	А	1
		220V	A	0.4
		440V	A	0.15
Dowor diasis sting		440 V	 W	
Power dissipation			VV	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for	or terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	AWO Nigid cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
	, , , , , , , , , , , , , , , , , , ,	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	max		2.0
	Conductor Size (IEC) - Rigid Cable			0.5
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10 ⁶
UL technical data				
Motor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V		
		240 V	HP	3
	for single-phase motor			
		120V	HP	0.5
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	25
		min		-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

7GN1283O48

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

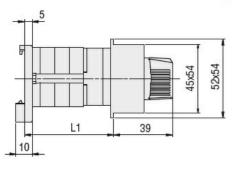


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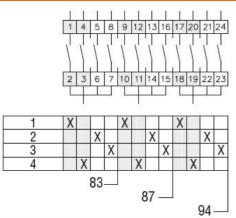
ENERGY AND AUTOMATION

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

7GN1283O48