

7GN2508O48 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 25A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

				^a Rotary cam
Product designation				switches
Product type designation General characteristics				7GN25
				08 - ON/OFF
Switching diagram				switch 4 poles
N° of elements				2
				O48 - Modular
Mounting form				service cover for 35mm din rail
ine analy form				mounting with
_				black handle
Contact characteristics				
Rated insulation voltage	e Ui	IEC/EN	V	690
		UL/CSA	V V	600
Rated impulse withstan	d voltage Uimp	02/007	kV	6
Conventional free air th				
		IEC/EN	А	25
		UL/CSA	А	30
Rated operational volta	•		V	480
Rated operational impu	-		kV	4
Maximum fuse size for	short-circuit protection In (gG)	4.01-0	٨	05
		10kA 15kA	A A	25 25
		25kA	A	25
Rated short time currer	nt Icw	2010 (20
		1s	А	400
Conductivity				10/5 mA/V
Operational current le l				
	AC1/AC21A			
	AC15		A	25
	AC15	110V	А	16
		220/230V	A	12
		380/400V	A	8
		660/690V	А	2
Rated operational powe				
	Three-phase AC-3			
		220/230V	kW	5.5
		380/440V 500/690V	kW kW	7.5 7.5
	Single-phase AC-3	300/030 V		1.0
		110V	kW	1.5
		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V 500/690V	kW kW	11 11
	Single-phase AC23A	200/0907	ĸvv	11
	Single pride hozon	110V	kW	1.5
		220/230V	kW	3.7

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		380/440V	kW	5.5
Rated operational c	urrent in DC			
	DC21A			
		48V	А	25
		60V	А	25
		110V	А	4
		220V	А	0.7
	DC23A (poles in series)			•
		24V	А	25 (1)
		48V	A	25 (2)
		40V 60V	A	25 (2)
		110V		
		220V	A	12 (3)
	D 040	2200	А	10 (4)
	DC13			
		24V	A	25
		48V	A	20
		60V	A	16
		110V	А	1.5
		220V	А	0.4
Power dissipation			W	1.1
Mechanical features	S			
Terminals screw				M3.5
Tightening torque for	or terminals max		Nm	0.8
Conductor size				0.0
	AWG - Rigid cable			
	AWG - Rigiu Cable	in the	AWG	20
		min		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			0,0.00	
Motor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	
				5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
			<u> </u>	

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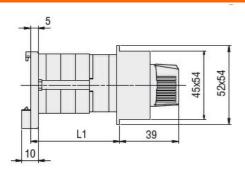
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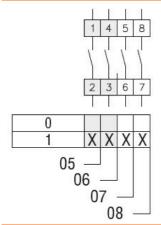
COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

	max °C +70
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
Dimensions	



Series	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		
		EC001029 -
ETIM 8.0		Selector switch, complete

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