

7GN2592O48 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



Draduat designation			Rotary cam
Product designation			switches
Product type designation			7GN25
General characteristics			
Switching diagram			92 - ON/OFF
N° of elements			switch 4 poles
IN OF elements			 O48 - Modular
			service cover for
Mounting form			35mm din rail
ů –			mounting with
			black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith		^	25
	IEC/EN UL/CSA	A A	25 30
Rated operational voltage	0L/C3A	V	480
Rated operational impulse voltage		kV	480
Maximum fuse size for short-circuit protection In (gG)		ΚV	7
	10kA	А	25
	15kA	A	25
	25kA	A	25
Rated short time current Icw			
	1s	А	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	25
AC15			
	110V	А	16
	220/230V	Α	12
	380/400V	A	8
	660/690V	A	2
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	5.5
	220/230V 380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC-3	000,000 V	1. 7 7	1.0
	110V	kW	1.5
	220/230V	kW	3
	380/440V	kW	5.5

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COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X	(54MM

	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A			
		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Deted an erotional ou	ment in DC	300/440 V	KVV	5.5
Rated operational cu				
	DC21A			
		48V	Α	25
		60V	A	25
		110V	А	4
		220V	А	0.7
	DC23A (poles in series)			
		24V	А	25 (1)
		48V	A	25 (2)
		40V 60V	A	25 (3)
		110V	A	12 (3)
				. ,
	2010	220V	А	10 (4)
	DC13			
		24V	A	25
		48V	А	20
		60V	А	16
		110V	А	1.5
		220V	А	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for	torminale may		Nm	0.8
			INIII	0.0
Conductor size				
	AWG - Rigid cable	_		
		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) Divid askla	XBIVI	11111	4
	Conductor size (IEC) - Rigid cable		2	0 F
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct	ct-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

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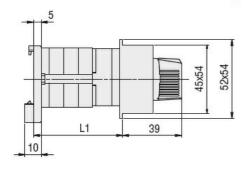
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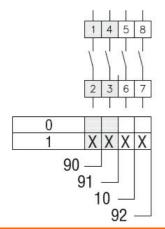
Ambient conditions Temperature

l emperature					
	Operating temperature				
		min	°C	-25	
		max	°C	+55	
	Storage temperature				
		min	°C	-40	
		max	°C	+70	
Resistance & Prote	ection				
Frontal IP degree				IP40	
Terminals IP degre	e			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



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ETIM classification

UL

ETIM 8.0

EC001029 -Selector switch, complete