

7GN1275O48 ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 4 POLES 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation				Rotary cam
-				switches
Product type designat General characteristic				7GN12
Switching diagram				75 - Changeover
				switch 4 poles
N° of elements				4 O48 - Modular
Mounting form				service cover for 35mm din rail mounting with black handle
Contact characteristic				
Rated insulation voltage	ge Ui			
		IEC/EN	V	690
		UL/CSA	<u>V</u>	600
Rated impulse withsta			kV	6
Conventional free air t	nermai current itn	IEC/EN	А	16
		UL/CSA	A	15
Rated operational volt	200	00/034		480
Rated operational imp	-		kV	4
	r short-circuit protection In (gG)			
		10kA	А	16
		15kA	А	10
		25kA	Α	10
Rated short time curre	ent Icw			
		1s	kA	200
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A		А	16
	AC15		A	10
	A013	110V	А	10
		220/230V	A	8
		380/400V	А	4
		660/690V	А	1.5
Rated operational pov				
	Three-phase AC-3			
		220/230V	kW	2.5
		380/440V	kW	4
	Single-phase AC-3	500/690V	kW	5.5
	Single-phase AC-5	110V	kW	0.8
		220/230V	kW	1.5
		380/440V	kW	2.2
	Three-phase AC23A			
		220/230V	kW	3
		380/440V	kW	5.5
		500/690V	kW	7.5
	Single-phase AC23A			<u>.</u>
		110V 220/220V	kW	0.8
		220/230V 380/440V	kW kW	1.7 3
		550/440 V	17.6.6	0

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Rated operational cur	rent in DC			
	DC21A			
	202111	48V	А	12
		40V 60V	A	12
		110V	A	4
		220V	A	- 0.6
		440V	A	0.25
		440 V	A	0.25
	DC23A (poles in series)	2414	۸	10 (1)
		24V	A	10 (1)
		48V	A	10 (2)
		60V	А	10 (3)
		110V	А	5 (3)
		220V	A	5 (4)
	DC13			
		24V	A	12
		48V	А	10
		60V	А	8
		110V	А	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for t	terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	(Host	/	
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	IVIDA	ANO	14
		min	mm²	0.5
		min		0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		2	0 F
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10⁰
UL technical data				
Motor power for direct				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
	for single-phase motor		_	
		120V	HP	0.5
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°Č	+70
			-	

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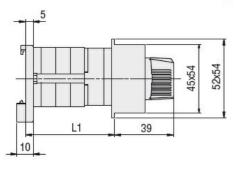
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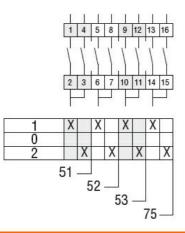
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Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
Dimensions	



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

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