

**7GN1211048** ROTARY CAM SWITCH 7GN SERIES, 3-PHASE MOTOR REVERSING SWITCH 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation				Rotary cam
-			switches	
Product type designa				7GN12
General characteristi	CS			11 - 3-phase
Switching diagram				motor reversing switch
N° of elements				3
Mounting form				O48 - Modular service cover for 35mm din rail mounting with black handle
Rated insulation volta				
		IEC/EN UL/CSA	V V	690 600
Rated impulse withst	and voltage Uimp		kV	6
Conventional free air				
		IEC/EN UL/CSA	A A	16 15
Rated operational vo	Itage		V	480
Rated operational im	pulse voltage		kV	4
Maximum fuse size f	or short-circuit protection In (gG)			
		10kA	А	16
		15kA	A	10
Rated short time curr	cont low	25kA	A	10
Rated Short time cur	enticw	1s	kA	200
Conductivity		10	10 1	10/5 mA/V
Operational current le	e IEC/EN			
·	AC1/AC21A		А	16
	AC15			
		110V	А	10
		220/230V	А	8
		380/400V	А	4
		660/690V	Α	1.5
Rated operational po				
	Three-phase AC-3	000/0001/		0.5
		220/230V	kW	2.5
		380/440V 500/690V	kW kW	4 5.5
	Single-phase AC-3	300/090V	N V V	0.0
		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	44017	1.1.1.1	0.9
		110V 220/230V	kW kW	0.8 1.7
		220/230V	ĸvv	1.7

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ENERGY AND AUTOMATION

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		380/440V	kW	3
Rated operational cur	rent in DC			
	DC21A			
		48V	А	12
		60V	А	12
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	10 (1)
		48V	А	10 (2)
		60V	А	10 (3)
		110V	А	5 (3)
		220V	А	5 (4)
	DC13			
		24V	А	12
		48V	А	10
		60V	А	8
		110V	A	1
		220V	А	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for	terminals max		Nm	0.5
Conductor size			1 111	0.0
	AWG - Rigid cable	min	AWG	20
		min		
		Max	AWG	12
	AWG - Flexible cable		A. A. C.	00
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable		2	~ <del>-</del>
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		_	- <b>-</b>
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10⁰
UL technical data				
Motor power for direc				
	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	°Č	+55
	Storage temperature		~	
		min	°C	-40

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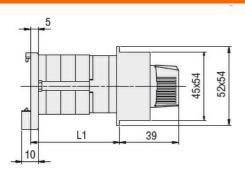
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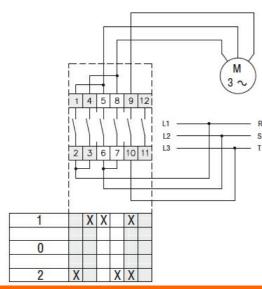
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	max °C +70
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
Dimensions	



Corioo	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	

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ETIM 8.0

EC001029 -Selector switch, complete