7GN2066O48



ROTARY CAM SWITCH 7GN SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL AND PHASE-PHASE VOLTAGES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation				Rotary cam switches
Product type designat	ion			7GN20
General characteristic	S			
Switching diagram				66 - Voltmeter switch for phase- neutral and phase-phase voltages
N° of elements				3
Mounting form				O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics				
Rated insulation voltag	je Ui	IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta	nd voltage Uimp		kV	6
Conventional free air t				
		IEC/EN	А	20
		UL/CSA	Α	20
Rated operational volt	age		V	480
Rated operational imp	ulse voltage		kV	4
Maximum fuse size fo	r short-circuit protection In (gG)			
		10kA	А	20
		15kA	A	16
		25kA	A	16
Rated short time curre	ent Icw			
		1s	kA	250
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A		^	20
	AC15		A	20
	ACIS	110V	А	10
		220/230V	A	8
		380/400V	A	6
		660/690V	A	1.5
Rated operational pow	ver in AC			
	Three-phase AC-3			
		220/230V	kW	3
		380/440V	kW	5.5
		500/690V	kW	5.5
	Single-phase AC-3			
		110V	kW	0.8
		220/230V	kW	2.2
		380/440V	kW	3
	Three-phase AC23A	000/0001/	1.1.1/	E
		220/230V 380/440V	kW kW	5 7.5
		500/690V	kW	7.5 7.5
	Single-phase AC23A	300/0907	r\ v V	1.0
	Ungie-phase AUZOA			

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		110V	kW	0.8
		220/230V	kW	2.5
		380/440V	kW	3.7
Rated operational c	urrent in DC			
alou oporational o	DC21A			
	BOZIA	48V	А	20
		48V 60V		
			A	20
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)			
		24V	Α	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	А	10 (3)
		220V	А	8 (4)
	DC13			- ()
	2010	24V	А	20
		24 V 48 V	A	16
		60V	A	12
		110V	Α	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features	3			
Terminals screw				M3
Tightening torque fo	or terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
		IVIAX	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			
	, , ,	min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	5x10 ⁶
UL technical data			0,0103	5710
	ect-on-line control			
Motor power for dire				
	for three-phase motor			4 5
		120V	HP	1.5
		240V	HP	3
		480V	HP	7.5
		600V	HP	10
	for single-phase motor			
		120V	HP	0.75
		240V	HP	2
Ambient conditions		2107		-
Temperature				
	Operating temperature			

Operating temperature

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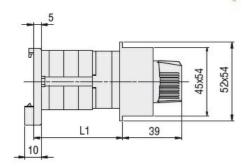
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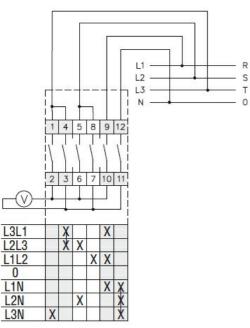
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	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			



Series	L1			
	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





ENERGY AND AUTOMATION

7GN2066O48 ROTARY CAM SWITCH 7GN SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL AND PHASE-PHASE VOLTAGES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Certificates			
	cCSAus		
	EAC		
	UL		
ETIM classification			
			E0004000

ETIM 8.0

EC001029 -Selector switch, complete

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