

ROTARY CAM SWITCH 7GN SERIES, VOLTMETER SWITCH PHASE-NEUTRAL VOLTAGES 25A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation				Rotary cam
_				switches
Product type designation	า			7GN25
General characteristics Switching diagram				68 - Voltmeter switch for phase-
N° of elements				neutral voltages
in of elements				2 O48 - Modular
Mounting form				service cover for 35mm din rail mounting with black handle
Contact characteristics				
Rated insulation voltage	Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand			kV	6
Conventional free air the	rmal current Ith	IEC/EN UL/CSA	A A	25 30
Rated operational voltage	ie .		V	480
Rated operational impuls	se voltage		kV	4
Maximum fuse size for s	hort-circuit protection In (gG)	10kA 15kA 25kA	A A A	25 25 25
Rated short time current	Icw	Zolot		
		1s	Α	400 10/5 mA/V
Conductivity Operational current le IE	C/FN			10/5 IIIA/ V
	AC1/AC21A		Α	25
-	AC15			
		110V 220/230V 380/400V	A A A	16 12 8
Rated operational power	r in AC	660/690V	Α	2
	Three-phase AC-3	222 (222) (
		220/230V 380/440V 500/690V	kW kW kW	5.5 7.5 7.5
	Single-phase AC-3	500/690 V	KVV	7.5
	Single-phase AC-3	110V 220/230V	kW kW	1.5 3
		380/440V	kW	5.5
.	Three-phase AC23A	220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A	110V	kW	1.5





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		000/000/	1347	0.7
		220/230V	kW	3.7
Rated operational c	urrent in DC	380/440V	kW	5.5
Nateu operational c	DC21A			
	DOZIA	48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)			
		24V	Α	25 (1)
		48V	Α	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	Α	10 (4)
	DC13			
		24V	Α	25
		48V	Α	20
		60V	A	16
		110V	A	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				MO F
Terminals screw	w to wain allow and		Nina	M3.5
Tightening torque for	or terminals max		Nm	0.8
Conductor size	AMC Digid apple			
	AWG - Rigid cable	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	IVIAX	AVVG	10
	AVVG - I lexible cable	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIOX	71110	12
	Conductor Size (IEC) Trickible cable	min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
	00.100010. 0.20 (120) 1 tigra 00010	min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data				
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		2.2	0.5
		min	°C	-25
	Charge to the control of the control	max	°C	+55
	Storage temperature			



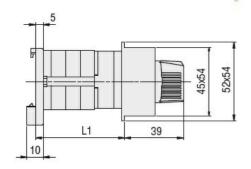
ENERGY AND AUTOMATION

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min	°C	-40
max	°C	+70

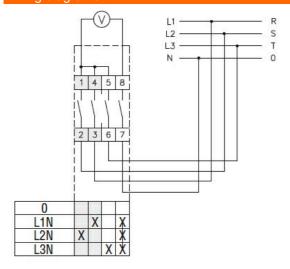
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Resistance & Protection		
Frontal IP degree		IP40
Terminals IP degree		IP00

Dimensions



Carias	L1			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
CCA C00 0	0	4.4

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