7GN1268U47

ROTARY CAM SWITCH 7GN SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL **electric** VOLTAGES 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

ENERGY AND AUTOMATION

Product designation Product type designation	ation			Rotary cam switches 7GN12
General characteristi				701112
Switching diagram				68 - Voltmeter switch for phase- neutral voltages
N° of elements				2
Mounting form				U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristic				
Rated insulation volta	age Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withst	<u> </u>		kV	6
Conventional free air	mermai current ith		Λ	16
		IEC/EN UL/CSA	A A	16 15
Rated operational vo	Itago	UL/CSA		480
Rated operational im			kV	4
	or short-circuit protection In (gG)		100	_ ·
	o. o o o p. oo (g o)	10kA	Α	16
		15kA	Α	10
		25kA	Α	10
Rated short time curr	ent Icw			
		1s	kA	200
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A			4.0
	1015		Α	16
	AC15	110V	Α	10
		220/230V	A	10 8
		380/400V	A	4
		660/690V	Α	1.5
Rated operational po	wer in AC	230,000		
, ,	Three-phase AC-3			
	·	220/230V	kW	2.5
		380/440V	kW	4
		500/690V	kW	5.5
	Single-phase AC-3			
		110V	kW	0.8
		220/230V	kW	1.5
	Three phase ACCOA	380/440V	kW	2.2
	Three-phase AC23A	220/2201/	J-\^ <i>I</i>	2
		220/230V 380/440V	kW kw	3 5.5
		500/690V	kW kW	5.5 7.5
	Single-phase AC23A	300/0901	L V V	1.0
	Single phase //ozo//	110V	kW	0.8
		220/230V	kW	1.7

ROTARY CAM SWITCH 7GN SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL electric voltages 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

ENERGY AND AUTOMATION

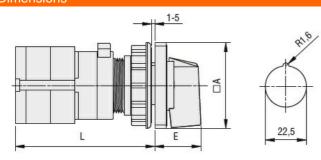
		380/440V	kW	3
Rated operational curre	ent in DC			
	DC21A			
		48V	Α	12
		60V	Α	12
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)	0.07		40 (4)
		24V	A	10 (1)
		48V	A	10 (2)
		60V	A	10 (3)
		110V	A	5 (3)
	D040	220V	A	5 (4)
	DC13	241/	٨	40
		24V	A	12
		48V	A	10
		60V 110V	A	8
			A	1
		220V	A	0.4
Dower discination		440V	A W	0.15
Power dissipation			VV	0.8
Mechanical features				MO
Terminals screw Tightening torque for te	arminala may		Nm	M3 0.5
Conductor size	eminas max		INIII	0.5
Conductor Size	AWC Digid apple			
	AWG - Rigid cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVIAX	AVVG	12
	AVVG - Flexible Cable	min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	IVIAX	AVVG	14
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVIAX	111111	2.5
	Conductor Size (IEO) - Mylu Cable	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVICA	cycles	3x10 ⁶
UL technical data			Cycles	
Motor power for direct-	on-line control			
otor powor for direct-	for three-phase motor			
	ioi alioo piidoo iiiotoi	120V	HP	1.5
		240V	HP	3
	for single-phase motor	Z-TO V	111	
	ioi singio pridocifictor	120V	HP	0.5
		240V	HP	1
Ambient conditions		2.00		·
Temperature				
.	Operating temperature			
	operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	THAK		
		min	°C	-40
		11111		· -



ROTARY CAM SWITCH 7GN SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL **electric** voltages 16A, for snap on front mounting with black handle for hole Ø22MM FIXING, FRONT PLATE 48X48MM

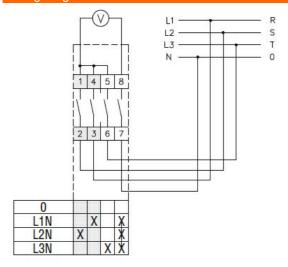
ENERGY AND AUTOMATION

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



Series	Dimensions		L			
	□A	Е	1	2	3	8
7GN12	48	26.5	58	67.7	77.4	125.9
7GN20	48	26.5	58	67.7	77.4	125.9
7GN25	48	26.5	62.4	76	89.6	157.6

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