

ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 1 POLE 16A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Draduct decimation			Rotary cam
Product designation			switches
Product type designation			7GN12
General characteristics			82 - Multi-step 1-
Switching diagram			2-3 1 pole
N° of elements			2
Mounting form			O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEC/EN	٨	16
	UL/CSA	A A	16 15
Rated operational voltage	UL/C3A		480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
,	10kA	Α	16
	15kA	Α	10
	25kA	Α	10
Rated short time current lcw			
	1s	Α	200
Conductivity Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A			
ACI/ACZIA		Α	16
AC15			
NO 10	110V	Α	10
	220/230V	Α	8
	380/400V	Α	4
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	2.5
	380/440V	kW	4
Cingle phase AC 2	500/690V	kW	5.5
Single-phase AC-3	110V	kW	0.8
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23A		<u> </u>	
·	220/230V	kW	3
	380/440V	kW	5.5
	500/690V	kW	7.5
Single-phase AC23A			
	110V	kW	0.8
	220/230V	kW	1.7



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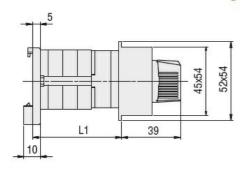
		380/440V	kW	3
Rated operational c				
	DC21A			
		48V	Α	12
		60V	Α	12
		110V	A	4
		220V	A	0.6
		440V	Α	0.25
	DC23A (poles in series)	0.41/	^	40 (4)
		24V	A	10 (1)
		48V	A	10 (2)
		60V	A	10 (3)
		110V	A	5 (3)
	DC42	220V	Α	5 (4)
	DC13	241/	۸	10
		24V 48V	A ^	12
		48 V 60 V	A	10
		110V	A	8
			A	1
		220V	A	0.4
Power dissipation		440V	— A W	0.15
Power dissipation Mechanical features			VV	0.8
rechanical realures erminals screw				M3
	or terminals may		Nm	0.5
ightening torque fo	or terminals max		INIII	0.5
onductor size	AMC Digid apple			
	AWG - Rigid cable	min	AWG	20
		min Mov		20
	ANAC Florible cable	Max	AWG	12
	AWG - Flexible cable	min	AWG	20
		min Mov		20
	Conductor size (IEC) - Flexible cable	Max	AWG	14
	Conductor size (IEC) - Plexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) Digid coble	IVIAX	111111	2.5
	Conductor size (IEC) - Rigid cable	min	mm²	0.5
		min Max	mm²	0.5 2.5
Mechanical life		IVIAX		2.5 3x10 ⁶
JL technical data			cycles	3710
Notor power for dire	act-on-line control			
notor power for diff				
	for three-phase motor	120V	HP	1.5
		120V 240V	HP	1.5 3
	for single phase mater	Z4UV	пг	J
	for single-phase motor	1001/	ПD	0.5
		120V 240V	HP HP	0.5
mbient conditions		Z4UV		1
emperature	Operating temperature			
	Operating temperature	!	°C	25
		min	°C	-25 - 55
		max	°C	+55
	Ctoromo tomon a setuso			
	Storage temperature	min	°C	-40



ENERGY AND AUTOMATION

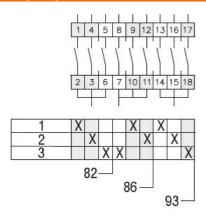
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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			



Carias	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