



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 25A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

Product designation				Rotary cam
_				switches
Product type design				7GN25
General characterist	ics			06 - ON/OFF
Switching diagram				switch 2 poles
N° of elements				1
				U12 - Front
				mounting without
Mounting form				front plate with key operation for
				hole diam. 22mm
				fixing
Contact characterist				
Rated insulation volt	age Ui			
		IEC/EN	V	690
Data diameda a critta	tanal valta na 1 Basa	UL/CSA	V V	600
Rated impulse withs Conventional free air			kV	6
Conventional free all	i illernal current itti	IEC/EN	Α	25
		UL/CSA	A	30
Rated operational vo	oltage	02,007	V	480
Rated operational in			kV	4
	for short-circuit protection In (gG)			
		10kA	Α	25
		15kA	Α	25
		25kA	Α	25
Rated short time cur	rent Icw	4	٨	400
Conductivity		1s	Α	400 10/5 mA/V
Conductivity Operational current	le IEC/EN			10/3 IIIA/ V
Operational current	AC1/AC21A			
			Α	25
	AC15			
		110V	Α	16
		220/230V	Α	12
		380/400V	Α	8
		660/690V	Α	2
Rated operational po				
	Three-phase AC-3	220/230V	kW	5.5
		380/440V	kW	5.5 7.5
		500/690V	kW	7.5
	Single-phase AC-3			
	.	110V	kW	1.5
		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
	Single-phase AC23A	500/690V	kW	11
	Single-phase ACZSA	110V	kW	1.5
		1100		





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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	IVIAX	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
	Character to the control of the cont	max	°C	+55
	Storage temperature			

°C

-40

min

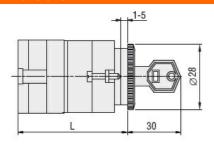


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MOU	JNTING W	ITHOUT	FRONT F	LATE V	VITH KEY	OPERA	TION FO	OR HOLE	Ø22MM	FIXING

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

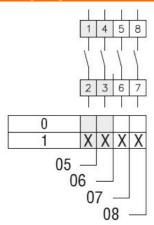
Dimensions





Carias	L					
Series	1	2	3	8		
7GN12	47	56.7	66.4	114.9		
7GN20	47	56.7	66.4	114.9		
7GN25	51.4	65	78.6	146.6		

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