

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

Product designation			Enclosed rotary
Product type designation			cam switch 7GN25
General characteristics			7 01120
Switching diagram			90 - ON/OFF switch 1 pole
N° of elements			1
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			Diagramana i
Rated insulation voltage Ui			
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN UL/CSA	A A	25 30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	25
	15kA	A	25
Rated short time current Icw	25kA	Α	25
Rated Short time current icw	1s	kA	400
Conductivity	13	IVA	10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	25
AC15			
	110V	Α	16
	220/230V	A	12
	380/400V 660/690V	A A	8
Rated operational power in AC	000/090 V	A	2
Three-phase AC-3			
	220/230V	kW	5.5
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC-3		_	
	110V	kW	1.5
	220/230V	kW	3
Three phase AC22A	380/440V	kW	5.5
Three-phase AC23A	220/230V	kW	6.5
	380/440V	kW	11
	500/440 V	kW	11
Single-phase AC23A	222.22		
•	110V	kW	1.5
	220/230V	kW	3.7
	380/440V	kW	5.5



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	DC21A			
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)	220 V		0.7
	DOZOA (poles ili selles)	24V	Α	25 (1)
		48V	A	
		60V	A	25 (2)
				25 (3)
		110V	A	12 (3)
	B040	220V	A	10 (4)
	DC13	0.01		
		24V	Α	25
		48V	Α	20
		60V	Α	16
		110V	Α	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for te	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	, C Tagaire	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	IVIOX	7,1110	10
	AWG - I lexible cable	min	AWG	20
		Max	AWG	12
	Conductor size (IFO). Florible coble	IVIAX	AVVG	12
	Conductor size (IEC) - Flexible cable			0.5
		min	mm²	0.5
	0 1 (150) 5(1)	Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-	on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
	<u> </u>	120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
Tomporatoro	Operating temperature			
	oporating temperature	min	°C	-25
			°C	-25 +55
	Ctorogo tomporaturo	max	<u> </u>	TUU
	Storage temperature		۰.	40
		min	°C	-40
D		max	°C	+70
Resistance & Protection	on			

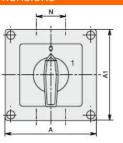
ENERGY AND AUTOMATION

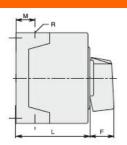
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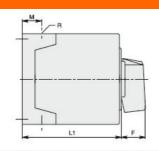
Frontal IP degree IP65

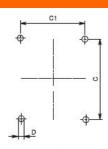
Terminals IP degree IP00

Dimensions



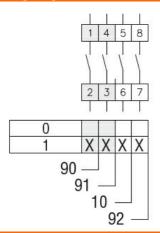






Carias	Enclosure size	Number o	f elements	Dimensions							Cable	Protection			
Series		L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6	0.000		0.000	100000	10000000	2000	100000				200000000000000000000000000000000000000	
7GN25		1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN32	1	1-2	3 - 4			3,593		1.00.000		31-3-4				31-31-7-5255-534-1	20000000
7GN40		1	2-3												
7GN12	110x110	1-4	5 - 8							1					
7GN20		1 - 4	5 - 8												
7GN25	1	1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
7GN32]	1-3	4 - 5	110	110	90.4	83	4.5	32	21	39.5	65.5	119.5	4XPG21	IPOD
7GN40	1	1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												
7GN40	200000000000000000000000000000000000000	1 - 2	3 - 4	105	475	4.40	440	5.5	32	21	68	040	440.0	4xPG21	IDCE
7GN63	1	1 - 2	3 - 4	125	175	146	112	5.5	32	21	66	84.3	118.3	2xPG11	IP65
7GN125		1	2												
7GN32	180x254	1-5	6-8												
7GN40		1 - 4	5 - 7	100	054	400	100		20	25	70	404	475	4xPG29	IDOC
7GN63	1	1 - 3	4 - 6	180	254	120	190	5.5	32	35	76	121	175	2xPG11	IP65
7GN125		1-2	3 - 4												

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

Certificates

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete