



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3, 3 POLES 25A IN PLASTIC ENCLOSURE 125X176MM WITH BLACK HANDLE

Product designation				Enclosed rotary
-				cam switch
Product type designat General characteristic				7GN25
Switching diagram				136 - Multi-step 0-1-2-3 3 poles
N° of elements				5
Mounting form				P - Plastic enclosure with black handle
Contact characteristic	S			
Rated insulation voltage	ge Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air t	hermal current Ith			
		IEC/EN	A	25
Data dan anational colt		UL/CSA	A	30
Rated operational volt	<u> </u>		V	480
Rated operational imp	<u> </u>		kV	4
Maximum ruse size io	r short-circuit protection In (gG)	10kA	Α	25
		15kA	A	25 25
		25kA	A	25
Rated short time curre	ent Icw	2010 (20
rated short time ourte	in low	1s	kA	400
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
'	AC1/AC21A			
			Α	25
	AC15			
		110V	Α	16
		220/230V	Α	12
		380/400V	Α	8
		660/690V	Α	2
Rated operational pov				
	Three-phase AC-3	000/0001/	1387	
		220/230V	kW	5.5
		380/440V 500/690V	kW kW	7.5 7.5
	Single-phase AC-3	300/090V	r. v v	1.0
	Siligie-pliase AO-3	110V	kW	1.5
		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A	230/1101		
	•	220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A			
		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational curi	rent in DC			





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	DC21A			
		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	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	rminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	Title Tilgia dabie	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	TVICA	7,,,,,	10
	AWG TICKIDIC GADIC	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIOX	7,1110	12
	Conductor size (IEO) - Flexible cable	min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	IVICA	111111	
	Conductor Size (ILO) - ragio cable	min	mm²	0.5
		Max	mm²	4
Mechanical life		IVIAA	cycles	5x10 ⁶
UL technical data			cycles	3810
Motor power for direct-	on line control			
Motor power for direct-				
	for three-phase motor	120V	HP	2
		120V 240V	HP HP	3 5
		240 V 480 V	HP HP	10
		480 V 600 V	HP HP	15
	for single-phase motor	000 V	ΠĽ	10
	ioi single-phase motol	1201/	UD	1.5
		120V 240V	HP	1.5
Ambient conditions		∠4UV	HP	3
Ambient conditions				
Temperature				
	Operating temperature		° ^	0.5
		min	°C	-25
	<u> </u>	max	°C	+55
	Storage temperature		0.0	40
		min	°C	-40
		max	°C	+70
Resistance & Protectio	n e e e e e e e e e e e e e e e e e e e			

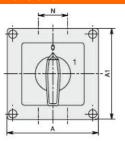
ENERGY AND AUTOMATION

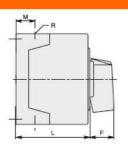
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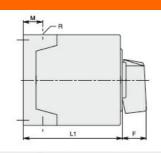
Frontal IP degree IP65

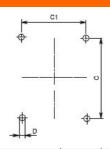
Terminals IP degree IP00

Dimensions



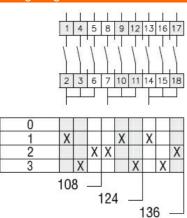






Series	Enclosure	Number of	f elements	Dimensions								Cable	Protection		
Series	size	L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1 - 3	4 - 6												
7GN20]	1-3	4 - 6	0.000		00000	100000		24000		0000			200000000000000000000000000000000000000	100000000000000000000000000000000000000
7GN25		1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN32		1 - 2	3 - 4												31-30.5457
7GN40		1	2-3												
7GN12	110x110	1 - 4	5 - 8												
7GN20		1 - 4	5 - 8												
7GN25		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	30.4	65	4.5	32	21	39.5	05.5	119.5	47.021	11.00
7GN40		1 - 2	3 - 5												
7GN63		1 - 2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												
7GN40	3	1 - 2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21	IP65
7GN63		1 - 2	3 - 4	123	1/3	140	112	0.0	32	21	00	04.3	110.3	2xPG11	11.00
7GN125		1	2												
7GN32	180x254	1-5	6 - 8												
7GN40		1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63]	1 - 3	4 - 6	100	234	120	130	5.5	32	33	7.0	121	1/3	2xPG11	11.00
7GN125		1-2	3 - 4	χ											

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