



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 2 POLES 125A IN PLASTIC ENCLOSURE 180X254MM WITH BLACK HANDLE

Product designation Product type designation				Enclosed rotary cam switch 7GN125
General characteristics				7 511125
Switching diagram				87 - Multi-step 1- 2-3-4 2 poles
N° of elements				4
Mounting form				P - Plastic enclosure with black handle
Contact characteristics				
Rated insulation voltage Ui	İ			
		IEC/EN UL/CSA	V V	690 600
Rated impulse withstand v			kV	6
Conventional free air therm	nal current Ith			
		IEC/EN	Α	125
		UL/CSA	Α	130
Rated operational voltage			V	690
Rated operational impulse			kV	6
Maximum fuse size for sho	ort-circuit protection In (gG)	401.4	•	405
		10kA 15kA	A A	125 100
		25kA	A	100
		50kA	A	100
		63kA	A	100
Rated short time current Ic	:W	00101		
		1s	kA	2100
Conductivity				10/5 mA/V
Operational current le IEC	/EN			
AC	C1/AC21A			
			Α	125
AC	C15			
		110V	Α	40
		220/230V	Α	28
		380/400V	A	15
Dated aparational power in	2.40	660/690V	A	5
Rated operational power in	ree-phase AC-3			
II	1100 pilase 70-3	220/230V	kW	18.5
		380/440V	kW	37
		500/690V	kW	33
Si	ngle-phase AC-3			
		110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
Th	ree-phase AC23A			
		220/230V	kW	30
		380/440V	kW	45
-		500/690V	kW	37
Si	ngle-phase AC23A	44017	1444	E
		110V 220/230V	kW kW	5 11
		ZZU/Z3U V	N V V	



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		380/440V	kW	15
Rated operational cu	rrent in DC			
	DC21A			
		48V	Α	125
		60V	Α	80
		110V	Α	10
		220V	Α	1.2
	DC23A (poles in series)			
		24V	Α	125 (1)
		48V	Α	125 (2)
		60V	Α	125 (3)
		110V	A	50 (3)
	7040	220V	Α	20 (4)
	DC13	0.417		405
		24V	A	125
		48V	A	100
		60V	A	50
Dames dissistant		110V	Α	4
Power dissipation			W	6.3
Mechanical features Terminals screw				M2X5
Tightening torque for	terminals may		Nm	2
Conductor size	terminals max		INIII	
Conductor Size	AWG - Rigid cable			
	AWG - Rigid Cable	min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable	IVIAX	AVVG	1/0
	AVVG - Flexible Cable	min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable	IVICA	700	170
	Conductor size (ILC) - I lexible cable	min	mm²	2.5
		Max	mm²	50
	Conductor size (IEC) - Rigid cable	IVICA	111111	
	Conductor size (ILC) - rigid cable	min	mm²	2.5
		Max	mm²	50
Mechanical life		IVIOX	cycles	1X10 ⁶
UL technical data			Oyoloo	17(10
Motor power for direc	ct-on-line control			
	for three-phase motor			
	•	120V	HP	15
		240V	HP	25
		480V	HP	50
		600V	HP	40
	for single-phase motor			
		120V	HP	5
		240V	HP	15
Ambient conditions				
Temperature				_
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

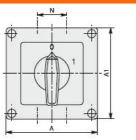
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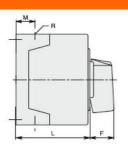
ENERGY AND AUTOMATION

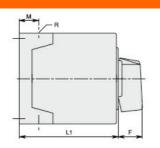
Resistance & Protection

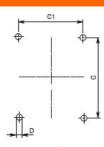
Frontal IP degree IP65
Terminals IP degree IP00

Dimensions



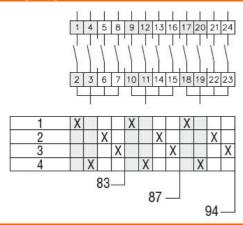






Series	Enclosure size	Number o	f elements	Dimensions							Cable	Protection			
		L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6	94,000	1000	0000	10000	1000000	45254	10000	4500		1000000	200 12 12 12 12 12 12 12	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												
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	- 00	4.5	02	"	00.0	00.0	113.5	7/1 (12)	11 00
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												***
7GN40		1-2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21	IP65
7GN63		1 - 2	3 - 4	120	170	140	1112	0.0	OL.		"	04.0	110.0	2xPG11	11 00
7GN125		1	2												
7GN32	180x254	1 - 5	6-8												
7GN40	1	1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63		1 - 3	4 - 6	,50	254	1.20	.50	0.0	J.	50		,21		2xPG11	30
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



7GN12587P

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ETIM 8.0

EC001029 -Selector switch, complete