



# ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 125A IN PLASTIC ENCLOSURE 180X254MM WITH BLACK HANDLE

Product designation			Enclosed rotary cam switch
Product type designation  General characteristics			7GN125
Switching diagram			08 - ON/OFF switch 4 poles
N° of elements			2
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Detections describbates deselles en History	UL/CSA	V	600
Rated impulse withstand voltage Uimp  Conventional free air thermal current Ith		kV	6
Conventional nee all thermal current ith	IEC/EN	Α	125
	UL/CSA	A	130
Rated operational voltage	02/00/(	V	690
Rated operational impulse voltage		kV	6
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	125
	15kA	Α	100
	25kA	Α	100
	50kA	Α	100
	63kA	Α	100
Rated short time current Icw	4 -	1 0	0400
Conductivity	1s	kA	2100 10/5 mA/V
Conductivity Operational current le IEC/EN			10/5 IIIA/ V
AC1/AC21A			
7.0 1/7.02 17.		Α	125
AC15			
	110V	Α	40
	220/230V	Α	28
	380/400V	Α	15
	660/690V	Α	5
Rated operational power in AC			
Three-phase AC-3	000/000	1344	40.5
	220/230V	kW	18.5
	380/440V 500/690V	kW kW	37 33
Single-phase AC-3	300/090 V	KVV	
Olligio priaso AO o	110V	kW	5
	220/230V	kW	11
	380/440V	kW	15
Three-phase AC23A			
•	220/230V	kW	30
	380/440V	kW	45
	500/690V	kW	37
Single-phase AC23A			_
	110V	kW	5
	220/230V	kW	11



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		380/440V	kW	15
Rated operational cur	rent in DC			
	DC21A			
		48V	Α	125
		60V	Α	80
		110V	A	10
	DOOM (called to a dea)	220V	A	1.2
	DC23A (poles in series)	0.41/	^	405 (4)
		24V	A	125 (1)
		48V	A	125 (2)
		60V 110V	A	125 (3)
		220V	A A	50 (3)
	DC13	2201	A	20 (4)
	DC13	24V	۸	105
		24 V 48 V	A A	125 100
		60V	A	50
		110V	A	4
Power dissipation		1100	W	6.3
Mechanical features			V V	0.0
Terminals screw				M2X5
Tightening torque for	terminals max		Nm	2
Conductor size	terrinals max		1 4111	
0011440101 0120	AWG - Rigid cable			
	7000 Tagla dable	min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable	Wich	71110	170
	ATTO TRANSPORTED	min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable	West	7	.,,,
	0011446161 0120 (120) 1 10/11216 04216	min	mm²	2.5
		Max	mm²	50
	Conductor size (IEC) - Rigid cable			
		min	mm²	2.5
		Max	mm²	50
Mechanical life			cycles	1X10 <sup>6</sup>
UL technical data				
Motor power for direc	t-on-line control			
	for three-phase motor			
	•	120V	HP	15
		240V	HP	25
		480V	HP	50
		600V	HP	40
	for single-phase motor			
	<b>.</b>	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

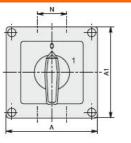
**ENERGY AND AUTOMATION** 

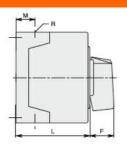
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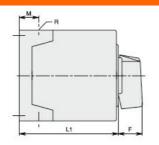
### Resistance & Protection

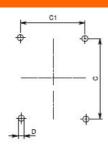
Frontal IP degree IP65
Terminals IP degree IP00

#### Dimensions



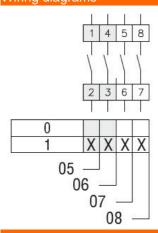






Series	Enclosure size	Number o	f elements	Dimensions							Cable	Protection			
		L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6	94,000	1000	0000	10000	182000-0	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	TAIGET	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	.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



### 7GN12508P

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ETIM 8.0

7GN12508P

EC001029 -Selector switch, complete