

electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 25A IN PLASTIC **ENCLOSURE 75X75MM WITH BLACK HANDLE ENERGY AND AUTOMATION**

Product designation			Enclosed rotary
Product type designation			cam switch 7GN25
General characteristics			7 01120
Switching diagram			07 - ON/OFF switch 3 poles
N° of elements			2
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			Diagramana i
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEO/EN	^	0.5
	IEC/EN UL/CSA	A A	25 30
Rated operational voltage	UL/CSA		480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			<u> </u>
,	10kA	Α	25
	15kA	Α	25
	25kA	Α	25
Rated short time current lcw			
	1s	kA	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		Α	25
AC15		A	25
ACIS	110V	Α	16
	220/230V	A	12
	380/400V	Α	8
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	5.5
	380/440V	kW	7.5
0.1.1.100	500/690V	kW	7.5
Single-phase AC-3	4401/	1-147	4.5
	110V 220/230V	kW kW	1.5 3
	380/440V	kW	5.5
Three-phase AC23A	300/440 V	KVV	3.3
THISS PHASS NOZON	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
Rated operational current in DC	380/440V	kW	5.5



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	DC21A			
	55217	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	0.41.7		0.5
		24V	Α	25
		48V	A	20
		60V	A	16
		110V	A	1.5
Danier diamination		220V	Α	0.4
Power dissipation Mechanical features			W	1.1
Terminals screw				M3.5
Tightening torque for te	rminale may		Nm	0.8
Conductor size	IIIIIIdis IIIdx		INIII	0.0
Conductor Size	AWG Rigid cable			
	AWG - Rigid cable	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	IVICA	700	10
	AVVO - I Textible cable	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	TTION	71110	
	Conductor 6/25 (126) Trovible 6dble	min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
	3	min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-o	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
		max	°C	+55
	Storage temperature		0.0	40
		min	°C	-40
Posistones & Protection	n	max	°C	+70
Resistance & Protection				



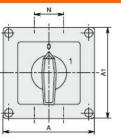
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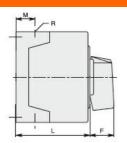
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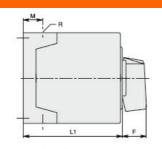
Frontal IP degree IP65

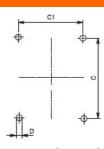
Terminals IP degree IP00

Dimensions



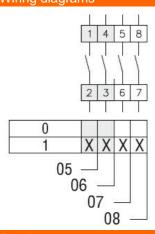






Series	Enclosure size	Number o	f elements	Dimensions								Cable	Protection		
		L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20]	1-3	4 - 6	0.000		0.00	100000	10000000	2000	100000				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							337.55					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	00	4.5	32	21	39.3	00.0	119.5	47.5021	11.00
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												191
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	123	173	140	112	0.0	32	21	00	04.0	110.5	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	100	234	120	130	0.0	02	33	,,,	121	1/3	2xPG11	11 00
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

7GN2507P

EC001029 -Selector switch, complete