

## electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 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			06 - ON/OFF switch 2 poles
N° of elements			1
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			Diagramana.
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 ACCOA	380/440V	kW	5.5
Three-phase AC23A	220/230V	kW	6.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC23A	220,000		
3 1 333 3 3	110V	kW	1.5
	220/230V	kW	3.7
	380/440V	kW	5.5



electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

**ENERGY AND AUTOMATION** 

	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				
00110000101010	AWG - Rigid cable			
	Title Tilgia dabid	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	IVICA	71110	10
	AWG TICAIDIC GADIC	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIOX	7,1110	12
	Conductor size (ILO) - Flexible cable	min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	IVICA	111111	
	Conductor Size (IEO) - Migid Cable	min	mm²	0.5
		Max	mm²	4
Mechanical life		IVIAA		5x10 <sup>6</sup>
UL technical data			cycles	3810
	on line control			
Motor power for direct-				
	for three-phase motor	120V	HP	2
		120V 240V	HP	3 5
		240 V 480 V	HP	5 10
		480 V 600 V	HP	15
	for single phase mater	0000	ПГ	10
	for single-phase motor	120V	HP	1.5
		120V 240V	HP	3
Ambient conditions		24U V		J
Temperature	Operating temperature			
	Operating temperature	me!:=	°C	25
		min	°C	-25
	Character to the property and	max	°C	+55
	Storage temperature	•	0.0	40
		min	°C	-40
Desistance & But of	<u></u>	max	°C	+70
Resistance & Protectio				

7GN2506P

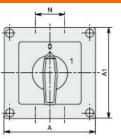
electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

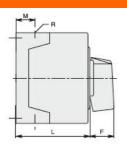
ENERGY AND AUTOMATION

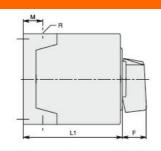
Frontal IP degree IP65

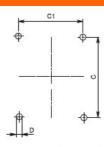
Terminals IP degree IP00

## **Dimensions**



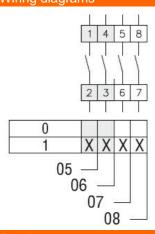






Series	Enclosure size	Number o	f elements	Dimensions								Cable	Protection		
Series		L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6	00000		0.00	100000	10000000	2000	100000				20051021004-00001	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					30-30-30-17
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	90.4	00	4.5	32	21	39.5	00.0	119.5	437621	100
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	123	1/5	140	112	5.5	32	21	00	04.3	110.3	2xPG11	1100
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	190	5.5	32	33	76	121	1/5	2xPG11	1100
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