## electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE **ENERGY AND AUTOMATION**

Product designation			Rotary cam switches
Product type designation			7GN25
General characteristics			00 01/055
Switching diagram			92 - ON/OFF switch 4 poles
N° of elements			2
Manuating forms			P - Plastic
Mounting form			enclosure with black handle
Contact characteristics			J. C.
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			
	IEC/EN	Α	25
D	UL/CSA	Α	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 25
	25kA	A	25
Rated short time current lcw	2010 (		20
	1s	Α	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
Detect an austica at a succesion A.O.	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3	220/230V	<b> </b> /\//	5.5
	380/440V	kW kW	5.5 7.5
	500/690V	kW	7.5 7.5
Single-phase AC-3	330,000 V		
9 F	110V	kW	1.5
	220/230V	kW	3
	380/440V	kW	5.5
Three-phase AC23A			
	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			
		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				
Conductor 6126	AWG - Rigid cable			
	71170 Trigita dable	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	IVIAX	7,110	10
	AVVO - I lexible cable	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIAX	7,110	12
	Colluctor Size (IEC) - Flexible Cable	min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) Bigid coble	IVIAA	111111	4
	Conductor size (IEC) - Rigid cable	min	mm²	0.5
		Max	mm² mm²	4
Machanical life		IVIAX		
Mechanical life UL technical data			cycles	5x10 <sup>6</sup>
	an line control			
Motor power for direct-				
	for three-phase motor	1201/	UD	2
		120V	HP	3
		240V	HP	5
		480V	HP	10
	for single whose mater	600V	HP	15
	for single-phase motor	40017		4.5
		120V	HP	1.5
A and the second second		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature	Ē	^ <del>-</del>	
		min	°C	-25
	-	max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protectio	n			

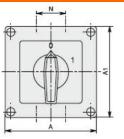
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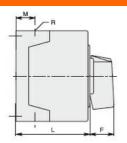
ENERGY AND AUTOMATION

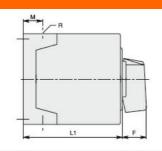
Frontal IP degree IP65

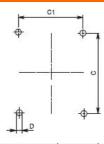
Terminals IP degree IP00

## **Dimensions**



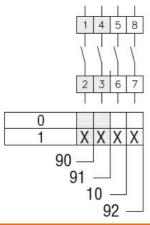






Series	Enclosure	Number o	f elements	Dimensions								Cable	Protection		
Series	size	L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20	]	1-3	4 - 6	0.000	14000		2000			20000		10.27000000			A 4000000000
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												270
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	11.02
7GN40		1 - 2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												630
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	1/3	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	0.0	32	- 55	10	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 EC001105 - Off-load switch