

electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 16A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE **ENERGY AND AUTOMATION**

Product designation			Enclosed rotary cam switch
Product type designation General characteristics			7GN12
Switching diagram			06 - ON/OFF switch 2 poles
N° of elements			1
Mounting form			P25 - Plastic enclosure with red/yellow handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Date discourse with story discrete made lines	UL/CSA	V	600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		kV	6
Conventional free all thermal current firm	IEC/EN	Α	16
	UL/CSA	A	15
Rated operational voltage	02/00/1	V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	16
	15kA	Α	10
	25kA	Α	10
Rated short time current lcw			
	1s	kA	200
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A			
ACT/ACZTA		Α	16
AC15			10
71010	110V	Α	10
	220/230V	Α	8
	380/400V	Α	4
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	2.5
	380/440V	kW	4
Single-phase AC-3	500/690V	kW	5.5
omgie-priase Ao-o	110V	kW	0.8
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23A			
	220/230V	kW	3
	380/440V	kW	5.5
	500/690V	kW	7.5
Single-phase AC23A		1381	0.0
	110V	kW	0.8
	220/230V 380/440V	kW kW	1.7 3
Rated operational current in DC	30U/44UV	r. v v	<u> </u>



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	DC21A		_	
		48V	Α	12
		60V	Α	12
		110V	Α	4
		220V	Α	0.6
		440V	A	0.25
	DC23A (poles in series)			
		24V	Α	10 (1)
		48V	Α	10 (2)
		60V	Α	10 (3)
		110V	Α	5 (3)
		220V	Α	5 (4)
	DC13			
		24V	Α	12
		48V	Α	10
		60V	Α	8
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for to	erminals max		Nm	0.5
Conductor size				
00.1000101 0.20	AWG - Rigid cable			
	A Trigita dable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	With	71110	
	AVVO - I lexible cable	min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	IVIAA	700	
	Conductor size (IEC) - I lexible cable	min	mm²	0.5
		min May		
	Conductor size (IEC) - Rigid cable	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			0.5
		min	mm²	0.5
Manhaniaaliifa		Max	mm²	2.5
Mechanical life			cycles	3x10 ⁶
UL technical data	and Programmed and			
Motor power for direct-				
	for three-phase motor			4 =
		120V	HP	1.5
	-	240V	HP	3
	for single-phase motor			
		120V	HP	0.5
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection	an and an			

Resistance & Protection

7GN1206P25

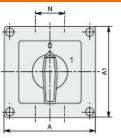


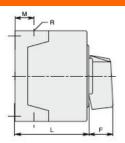
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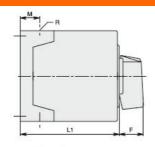
Frontal IP degree IP65

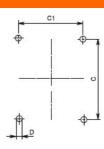
Terminals IP degree IP00

Dimensions



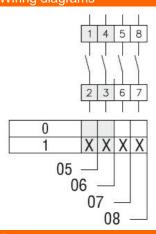






Series	Enclosure size	Number o	per of elements Dimensions							Cable	Protection				
		L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20	1	1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20	1	1-3	4 - 6												
7GN25]	1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN32	1	1-2	3 - 4					131.000		30234					51750.5507
7GN40		1	2-3												
7GN12	110x110	1-4	5 - 8			98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
7GN20		1-4	5 - 8												
7GN25		1-3	4 - 5	110	440										
7GN32		1-3	4 - 5	110	110										
7GN40		1-2	3-5												
7GN63	1	1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5	405	475	146	112	5.5	32	21	68	84.3	118.3	4xPG21 2xPG11	IP65
7GN40	000000000000000000000000000000000000000	1 - 2	3 - 4												
7GN63	1	1 - 2	3 - 4	125	175										
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	180	204	120	190	5.5	32	30	76	121	1/5	2xPG11	1705
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