

7GN6386P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 2 POLES 63A IN PLASTIC ENCLOSURE 125X175MM WITH BLACK HANDLE

Product designation				Enclosed rotary
-				cam switch
Product type designat General characteristic				7GN63
				86 - Multi-step 1-
Switching diagram				2-3 2 poles
N° of elements				3
Mounting form				P - Plastic enclosure with
Woulding form				black handle
Contact characteristics	3			
Rated insulation voltag	je Ui			
		IEC/EN	V	690
Potod impulso withoto	nd voltogo Llimp	UL/CSA	V kV	600 6
Rated impulse withsta Conventional free air the			KV	0
Conventional free all ti		IEC/EN	А	63
		UL/CSA	A	60
Rated operational volt	age		V	480
Rated operational imp	-		kV	4
Maximum fuse size for	r short-circuit protection In (gG)			
		10kA	А	63
		15kA	А	63
		25kA	А	63
		50kA	A	63
Deted also at times around	at law	63kA	A	63
Rated short time curre	Int ICW	1s	А	1600
Conductivity		15	A	10/5 mA/V
Operational current le	IEC/EN			10/0 11/0 0
oporational outront to	AC1/AC21A			
			А	63
	AC15			
		110V	А	32
		220/230V	А	25
		380/400V	А	15
		660/690V	A	4
Rated operational pow				
	Three-phase AC-3	220/230V	kW	11
		380/440V	kW	18.5
		500/690V	kW	18.5
	Single-phase AC-3			
		110V	kW	3.7
		220/230V	kW	6.5
		380/440V	kW	11.5
	Three-phase AC23A			
		220/230V	kW	12.5
		380/440V	kW	30 30
	Single-phase AC23A	500/690V	kW	30
	ongie-phase AOZOA	110V	kW	3.7
		220/230V	kW	7.5
				-

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ENERGY AND AUTOMATION

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		280/4401/	kW	10 5
Rated operational cu	rrant in DC	380/440V	KVV	12.5
	DC21A			
	DOZIA	48V	А	63
		40V 60V	A	50
		110V	A	8
		220V	A	1
	DC23A (poles in series)			
		24V	А	50 (1)
		48V	А	50 (2)
		60V	А	50 (3)
		110V	А	25 (3)
		220V	Α	15 (4)
	DC13			
		24V	А	63
		48V	А	40
		60V	A	28
		110V	A	3.3
Power dissipation			W	3.4
Mechanical features				ME
Terminals screw			NL	M5
Tightening torque for	terminais max		Nm	2
Conductor size				
	AWG - Rigid cable			4.4
		min Max	AWG	14 6
	AWG - Flexible cable	IVIAX	AWG	0
	AWG - Flexible cable	min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable	Max	////0	0
		min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable			-
		min	mm²	2.5
		Max	mm²	16
Mechanical life			cycles	5x10⁰
UL technical data				
Motor power for direct	ct-on-line control			
	for three-phase motor			
		120V	HP	7.5
		240V	HP	15
		480V	HP	25
		600V	HP	25
	for single-phase motor			
		120V	HP	3
Ambient		240V	HP	10
Ambient conditions				
Temperature	Operating temperature			
	Operating temperature		•	25
		min	°C ℃	-25
	Storago tomporaturo	max	U	+55
	Storage temperature	min	°C	-40
			°C	-40 +70
		max	C	TIU

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C1

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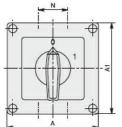
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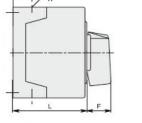
Resistance & Protection

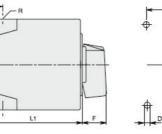
Frontal IP degree

Terminals IP degree

Dimensions



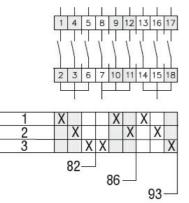




IP65 IP00

Carias	Enclosure	sure Number of 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												
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							100000					
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	98.4	83	4.5	32	21	39.5	60.0	119.5	4XPG21	IPOD
7GN40		1-2	3-5												
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5					· · · · · · · · · · · · · · · · · · ·		1					
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	125	1/5	140	112	5.5	32	21	00	04.3	110.3	2xPG11	IPOD
7GN125		1	2												
7GN32	180x254	1 - 5	6 - 8												
7GN40		1 - 4	5 - 7	180	254	100	190	5.5	32	35	76	121	175	4xPG29	IDEE
7GN63		1-3	4 - 6	180	254	120	190	5.5	32	35	70	121	175	2xPG11	IP65
7GN125	1	1-2	3 - 4												

Wiring diagram



Certifications and compliance							
Compliance							
	IEC/EN/BS 60947-1						
	IEC/EN/BS 60947-3						
	IEC/EN/BS 60947-5-1						
Certificates							
	EAC						
ETIM classification							
		EC001029 -					
ETIM 8.0		Selector switch,					
		complete					

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