ENERGY AND AUTOMATION



Product designation			Enclosed rotary
-			cam switch
Product type designation			7GN63
General characteristics			
Switching diagram			92 - ON/OFF
N° of elements			switch 4 poles
			P25 - Plastic
Mounting form			enclosure with
			red/yellow handle
Contact characteristics			
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	A	63
	UL/CSA	<u>A</u>	60
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	۸	60
	15kA	A A	63 63
	25kA	A	63
	50kA	A	63
	63kA	A	63
Rated short time current Icw			
	1s	kA	1600
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	63
AC15			
	110V	А	32
	220/230V	A	25
	380/400V	A	15
	660/690V	A	4
Rated operational power in AC			
Three-phase AC-3	220/2201/	kW	11
	220/230V 380/440V	kW	18.5
	500/690V	kW	18.5
Single-phase AC-3	500/030V	17.4.4	10.0
	110V	kW	3.7
	220/230V	kW	6.5
	380/440V	kW	11.5

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ENCLOSURE 125X175MM WITH RED/YELLOW HANDLE

	Three-phase AC23A			
		220/230V	kW	12.5
		380/440V	kW	30
		500/690V	kW	30
	Single-phase AC23A	000,0001		
	Olingio phase AOZOA	110V	kW	3.7
		220/230V	kW	7.5
		380/440V	kW	12.5
Rated operational				
	DC21A			
		48V	А	63
		60V	А	50
		110V	А	8
		220V	A	1
	DC23A (poles in series)	2201	Π	I
	DCZSA (poles in series)	0.01/	•	50 (4)
		24V	A	50 (1)
		48V	A	50 (2)
		60V	А	50 (3)
		110V	А	25 (3)
		220V	А	15 (4)
	DC13			× /
		24V	А	63
		24 V 48 V		
			A	40
		60V	A	28
		110V	A	3.3
Power dissipation	)		W	3.4
Mechanical featur	res			
Terminals screw				M5
Tightening torque	for terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
	Awo - Nigid Cable	min	AWG	1 1
		min		14
		Max	AWG	6
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable			
		min	mm²	2.5
		Max	mm²	10
		XBIVI	111(11	10
	Conductor size (IEC) - Rigid cable		•	o -
		min	mm²	2.5
		Max	mm²	16
		IVIAX		
Mechanical life		Ivida	cycles	5x10 <sup>6</sup>
		Iviax		5x10 <sup>6</sup>
UL technical data	lirect-on-line control	IVIAX		5x10 <sup>6</sup>
UL technical data	lirect-on-line control	IVIAX		5x10⁵
UL technical data	lirect-on-line control for three-phase motor		cycles	
UL technical data		120V	cycles HP	7.5
UL technical data		120V 240V	cycles HP HP	7.5 15
UL technical data		120V 240V 480V	cycles HP HP HP	7.5 15 25
UL technical data		120V 240V	cycles HP HP	7.5 15
UL technical data	for three-phase motor	120V 240V 480V	cycles HP HP HP	7.5 15 25
UL technical data		120V 240V 480V 600V	Cycles HP HP HP HP	7.5 15 25 25
Mechanical life UL technical data Motor power for c	for three-phase motor	120V 240V 480V	cycles HP HP HP	7.5 15 25

Ambient conditions

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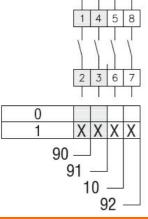
ENERGY AND AUTOMATION

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 63A IN PLASTIC ENCLOSURE 125X175MM WITH RED/YELLOW HANDLE

## Temperature

			Opera	ting te	mpera	ature											
			•	Ũ	•								n	nin	°C	-25	
															°C	+55	
			Storag	o tom	norati	Iro								un	0	100	
			Sillay	le tem	perau	JIE									° <b>^</b>	40	
															°C	-40	
													m	ax	°C	+70	
Resistance			า														
Frontal IF	o degree	е														IP65	
Terminals																IP00	
Dimensio	-	,															
	N		M	2.				_M					C1				
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	Ψ				A												
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-	A	-	-	L		F	ļ	<u>د</u>	L1	>	< F >	-	<b>→</b> <sup>D</sup>				
o :	Enclosure	Number of	f elements					Dimer	nsions					Cable	Protection		
Series	size	L	L1	A	A1	С	C1	D	F	М	N	L	L1	entry	Protection degree		
7GN12	75x75	1-2	3 - 4	-	1000												
7GN20 7GN25		1-2	3-4 2-3	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65		
	90x90	1-3	4-6	-													
7GN20	90,90	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		1-2	3 - 4														
7GN40		1	2-3														
7GN12 7GN20	110x110	1-4	5-8 5-8														
7GN25		1-3	4 - 5														
7GN32		1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65		
7GN40		1-2	3 - 5														
7GN63		1-2	3 - 4														
7GN32 7GN40	125x175	1-3 1-2	4 - 5 3 - 4											4xPG21			
7GN63		1-2	3-4	125	175	146	112	5.5	32	21	68	84.3	118.3	2xPG11	IP65		
7GN125		1	2														
7GN32	180x254	1-5	6 - 8														
7GN40	3	1-4	5-7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65		
7GN63 7GN125	6	1-3 1-2	4 - 6 3 - 4											2xPG11			
Wiring di		1-2	3-4			ļ				ļ				ļ	ļ	1	

Wiring diagrams



Certifications and compliance Compliance

## IEC/EN/BS 60947-1

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	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
Certificates		
	EAC	
ETIM classification	n	
		EC001029 -
ETIM 8.0		Selector switch,

complete