electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 63A IN PLASTIC ENCLOSURE 125X175MM WITH RED/YELLOW HANDLE **ENERGY AND AUTOMATION**



Product designation			Enclosed rotary
-			cam switch
Product type designation General characteristics			7GN63
			10 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
Mounting form			P25 - Plastic enclosure with red/yellow handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Data Para da Stata da desar Dara	UL/CSA	V	600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		kV	6
Conventional free all thermal current ith	IEC/EN	Α	63
	UL/CSA	A	60
Rated operational voltage	OL/COA	V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		10.0	•
(g =)	10kA	Α	63
	15kA	Α	63
	25kA	Α	63
	50kA	Α	63
	63kA	Α	63
Rated short time current Icw			
	1s	Α	1600
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			00
AC45		Α	63
AC15	110V	Α	32
	220/230V	A	25
	380/400V	Α	15
	660/690V	Α	4
Rated operational power in AC			_
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



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	Three-phase AC23A			
		220/230V	kW	12.5
		380/440V	kW	30
		500/690V	kW	30
	Single-phase AC23A			
		110V	kW	3.7
		220/230V	kW	7.5
		380/440V	kW	12.5
Rated operational curre	ent in DC			
	DC21A			
		48V	Α	63
		60V	Α	50
		110V	A	8
		220V	A	1
	DC23A (poles in series)	220 V		1
	DC23A (poles in series)	24\/	٨	EO (1)
		24V	A	50 (1)
		48V	A	50 (2)
		60V	A	50 (3)
		110V	A	25 (3)
		220V	Α	15 (4)
	DC13			
		24V	Α	63
		48V	Α	40
		60V	Α	28
		110V	Α	3.3
Power dissipation			W	3.4
Mechanical features				
Terminals screw				M5
Tightening torque for to	erminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
	71110 Trigita sabilo	min	AWG	14
		Max	AWG	6
	AWG - Flexible cable	Wick		
	AVVG - I TEXIDLE CADLE	min	AWG	14
		min Mov		
	Conductor sine (IEO) Florible and the	Max	AWG	8
	Conductor size (IEC) - Flexible cable		3	0.5
		min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable			
		min	mm²	2.5
		Max	mm²	16
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-	-on-line control			
	for three-phase motor			
	-	120V	HP	7.5
		240V	HP	15
		480V	HP	25
		600V	HP	25
	for single-phase motor	000 V		
	ioi siligie-priase motoi	120V	HP	3
		1701/	77	J
Ambient conditions		240V	HP	10



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Temperature

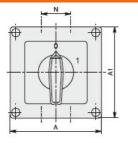
Operating temperature

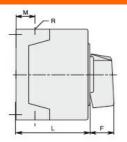
	min	°C	-25	
	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	

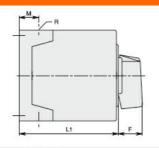
Resistance & Protection

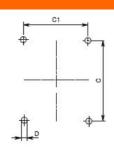
Frontal IP degree	IP65
Terminals IP degree	IP00

Dimensions



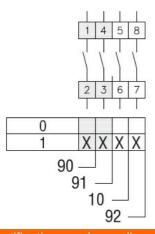






Carias	Enclosure size	Number of	f elements	Dimensions					NG NG NG NG				Cable	Protection	
Series		L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1 - 2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1 - 3	4 - 6												
7GN20		1-3	4 - 6	10259	128674		30.25	200000	0000	2000	one	15-87 (99 (97)			0.000
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												
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	7.0	32	- 1	00.0	00.0	113.5	TAIGET	11 00
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	120	170	140	112	0.0	02	21	- 00	04.0	110.0	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	204	120	130	0.0	02	00	,,,	,21	175	2xPG11	11 30
7GN125		1-2	3 - 4												

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 60947-1



7GN6310P25

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IEC/EN/BS 60947-3 IEC/EN/BS 60947-5-1

Certificates

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete