

## **7GN63110P** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3-4-5, 1 POLE 63A IN PLASTIC ENCLOSURE 125X175MM WITH BLACK HANDLE

			Enclosed retery
Product designation			Enclosed rotary cam switch
Product type designation			7GN63
General characteristics			440 Multi stor
Switching diagram			110 - Multi-step 0-1-2-3-4-5 1 pole
N° of elements			3
Mounting form			P - Plastic enclosure with black 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	А	63
	UL/CSA	А	60
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	63
	15kA	A	63
	25kA	A	63
	50kA	A	63
Deted short time, surrout low	63kA	A	63
Rated short time current Icw	1s	kA	1600
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
1015		A	63
AC15	440)/	٨	22
	110V 220/230V	A A	32 25
	380/400V	A	15
	660/690V	A	4
Rated operational power in AC	000/0001	7.	<u>т</u>
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
	500/690V	kW	30
Single-phase AC23A	44017	1.1.1.1	07
	110V	kW	3.7
	220/230V	kW	7.5

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ENERGY AND AUTOMATION

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		380/440V	kW	12.5
Rated operational cu	urrent in DC			
	DC21A			
		48V	Α	63
		60V	A	50
		110V	A	8
		220V	A	1
	DC23A (poles in series)	24V	۸	50 (1)
		24 V 48 V	A A	50 (1) 50 (2)
		48V 60V	A	50 (2) 50 (3)
		110V	A	25 (3)
		220V	A	15 (4)
	DC13			
	2010	24V	А	63
		48V	А	40
		60V	А	28
		110V	А	3.3
Power dissipation			W	3.4
Mechanical features				
Terminals screw				M5
Tightening torque for	r terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
		min	AWG	14
		Max	AWG	6
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable		2	
		min	mm²	2.5
	Conductor cite (IFC) Disid coble	Max	mm²	10
	Conductor size (IEC) - Rigid cable	min	ma ma 2	0 F
		min Max	mm² mm²	2.5 16
Mechanical life		IVIAX	cycles	5x10 <sup>6</sup>
UL technical data			Cycles	5710
Motor power for dire	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
		240V	HP	10
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
	-	max	°C	+55
	Storage temperature		• •	40
		min	°C	-40
		max	°C	+70

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C1

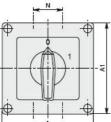
ENERGY AND AUTOMATION

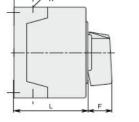
Resistance & Protection

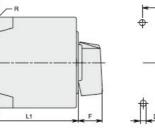
Frontal IP degree

# Terminals IP degree

Dimensions



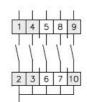


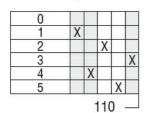


IP65 IP00

		ė v ►	+			F	_	-  -	L1			*		- <b>\$</b> '	×
Series	Enclosure	Number of							nsions					Cable	Protection
Section 1995	size	L	L1	A	A1	C	C1	D	F	M	N	L	L1	entry	degree
	75x75	1-2	3 - 4	0843	1000		2000		10000	100710					100000
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						1.000	102201					100000000
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							211223					319-054-02009-17
7GN40		1	2 - 3												
7GN12	110x110	1-4	5 - 8												
7GN20	000000000000000000000000000000000000000	1-4	5 - 8												
7GN25		1-3	4 - 5	110	110	00.4	00	4.5	32	01	20.5	05.5	110.5	4-0001	IDOC
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	125x175	1-3	4 - 5												
7GN40		1-2	3 - 4	105	175								1100	4xPG21	1005
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		1-4	5 - 7	400	054	100	400			05	70	101	475	4xPG29	IDOC
7GN63		1-3	4 - 6	180	254	120	190	5.5	32	35	76	121	175	2xPG11	IP65
7GN125		1-2	3 - 4												

Wiring diagrams





Certificati	and and	comp	ionoo
Certificati	uns anu		Iance

#### Compliance

Compliance	
	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-3
	IEC/EN/BS 60947-5-1
Certificates	
	EAC

## ETIM classification

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ETIM 8.0

EC001029 -Selector switch, complete