

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

7GN63110P

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

ENERGY AND AUTOMATION

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

		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 ⁶
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

7GN63110P

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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

C1

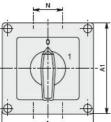
ENERGY AND AUTOMATION

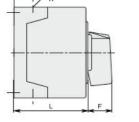
Resistance & Protection

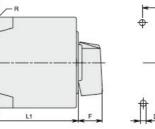
Frontal IP degree

Terminals IP degree

Dimensions



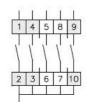


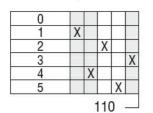


IP65 IP00

		ė v ►	+			F	_	- -	L1			*		- \$ '	×
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

7GN63110P



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

ETIM 8.0

EC001029 -Selector switch, complete