



Product designation			Rotary cam
-			switches
Product type designation  General characteristics			7GN63
			92 - ON/OFF
Switching diagram			switch 4 poles
N° of elements			2
			P - Plastic
Mounting form			enclosure with
Contact characteristics			black handle
Rated insulation voltage Ui			
Rateu Insulation voitage of	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp	02,007.	kV	6
Conventional free air thermal current Ith			
	IEC/EN	Α	63
	UL/CSA	Α	60
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	63
	15kA	Α	63
	25kA	Α	63
	50kA	A	63
Data di ala anti tima a accumanti lacci	63kA	Α	63
Rated short time current Icw	1s	Α	1600
Conductivity	15		10/5 mA/V
Operational current le IEC/EN			10/0 11// 0
AC1/AC21A			
, , , , , , , , , , , , , , , , , , ,		Α	63
AC15			
	110V	Α	32
	220/230V	Α	25
	380/400V	Α	15
	660/690V	A	4
Rated operational power in AC			
Three-phase AC-3			4.4
	220/230V	kW	11
	380/440V	kW	18.5
Single-phase AC-3	500/690V	kW	18.5
Single-phase AC-3	110V	kW	3.7
	220/230V	kW	6.5
	380/440V	kW	11.5



**electric** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 63A IN PLASTIC ENCLOSURE 125X175MM WITH BLACK HANDLE **ENERGY AND AUTOMATION** 

	Ti			
	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	Α	8
		220V	A	1
	DC23A (poles in series)	220 V		<u>'</u>
	DOZSA (poles in series)	24V	۸	EO (1)
			A	50 (1)
		48V	A	50 (2)
		60V	A	50 (3)
		110V	Α	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 te	erminals max		Nm	2
Conductor size				
00	AWG - Rigid cable			
	71170 Trigita dabio	min	AWG	14
		Max	AWG	6
	AWG - Flexible cable	IVICA	AVVO	
	AVVG - Flexible Cable	min	AWG	14
		min		
	O I ( (IEO) . El 'I I	Max	AWG	8
	Conductor size (IEC) - Flexible cable		3	0.5
		min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable			
	Obliquetor Size (IEO) Trigia cable		_	
	Odriddelor Size (IEO) Trigid cable	min	mm²	2.5
	Odriddelor Size (IEO) Trigid cable	min Max	mm²	16
Mechanical life	Odriducior Size (IEO) Trigid cable			
Mechanical life UL technical data	Odriducioi Size (IEO) Trigia cable		mm²	16
			mm²	16
UL technical data			mm²	16
UL technical data	on-line control		mm²	16
UL technical data	on-line control	Max	mm² cycles	16 5x10 <sup>6</sup>
UL technical data	on-line control	120V 240V	mm² cycles  HP HP	7.5 15
UL technical data	on-line control	120V 240V 480V	mm² cycles  HP HP HP	7.5 15 25
UL technical data	on-line control for three-phase motor	120V 240V	mm² cycles  HP HP	7.5 15
UL technical data	on-line control	120V 240V 480V 600V	mm² cycles  HP HP HP HP	7.5 15 25 25
UL technical data	on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles  HP HP HP HP	7.5 15 25 25
UL technical data	on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles  HP HP HP HP	7.5 15 25 25



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### Temperature

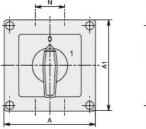
Operating temperature

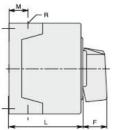
	min	°C	-25	
	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	

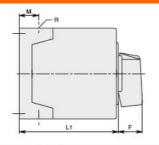
# Resistance & Protection

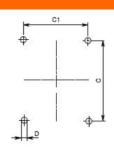
Frontal IP degree	IP65
Terminals IP degree	IP00

#### Dimensions



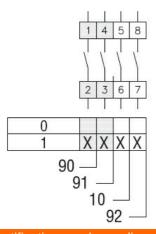






Carias	Enclosure size	Number o	f elements	Dimensions								Cable	Protection		
Series		L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20	]	1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3										c.		
7GN12	90x90	1 - 3	4 - 6												
7GN20		1-3	4 - 6	0000	100000		2025			200000	1000			100000000000000000000000000000000000000	44000000
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	1-3	4 - 5	110	110	30.4	00	4.5	02	21	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	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	1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63	1	1 - 3	4 - 6	100	234	120	130	0.0	32	33	,,,	121	1/3	2xPG11	11 00
7GN125		1-2	3 - 4												

### Wiring diagrams



# Certifications and compliance

### Compliance

### IEC/EN/BS 60947-1



### 7GN6392P

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

Certificates

EAC

ETIM classification

ETIM 8.0 EC001105 - Off-load switch