



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, STAR-DELTA MOTOR STARTER, 63A IN PLASTIC ENCLOSURE 125X175MM WITH RED/YELLOW HANDLE

Product designation Product type designation			Enclosed rotary cam switch 7GN63
General characteristics			7 61103
Switching diagram			12 - Star-delta motor starter switch
N° of elements			4
Mounting form			P25 - Plastic enclosure with red/yellow handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
B + 12	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEO/ENI	Δ.	00
	IEC/EN UL/CSA	A	63 60
Rated operational voltage	UL/CSA	A V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		i v	
Maximum 1400 6120 for others official protection in (go)	10kA	Α	63
	15kA	Α	63
	25kA	Α	63
	50kA	Α	63
	63kA	Α	63
Rated short time current lcw			
	1s	kA	1600
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	63
AC15	440)/		00
	110V	A	32
	220/230V 380/400V	A A	25 15
	660/690V	A	4
Rated operational power in AC	000/030 V		_
Three-phase AC-3			
Times pridos to 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	4401	1 1 4 7	0.7
	110V	kW	3.7
	220/230V	kW	7.5



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		380/440V	kW	12.5
Rated operational curr	ent in DC			
	DC21A			
		48V	Α	63
		60V	Α	50
		110V	Α	8
		220V	Α	1
	DC23A (poles in series)			
		24V	Α	50 (1)
		48V	Α	50 (2)
		60V	Α	50 (3)
		110V	Α	25 (3)
		220V	Α	15 (4)
	DC13	0.07	_	
		24V	A	63
		48V	A	40
		60V	A	28
D Parks C.		110V	A	3.3
Power dissipation			W	3.4
Mechanical features				ME
Terminals screw	orminals may		Nm	M5 2
Tightening torque for to Conductor size	eminais max		INITI	
Conductor size	AWC Pigid cable			
	AWG - Rigid cable	min	AWG	14
		Max	AWG	6
	AWG - Flexible cable	IVIAX	AVVG	
	AVVG - Flexible Cable	min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable	IVICA	700	
	Conductor size (IEC) - I lexible cable	min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable	IVICA	111111	10
	Conductor size (IEC) - Migid cable	min	mm²	2.5
		Max	mm²	16
Mechanical life		IVICA	cycles	5x10 ⁶
UL technical data			Oy 0100	OXIO
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			_
	-	120V	HP	3
		240V	HP	10
Ambient conditions				
Temperature				_
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

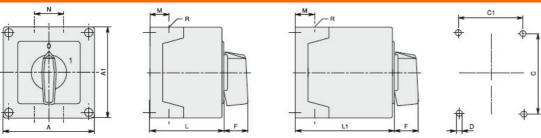
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Resistance & Protection

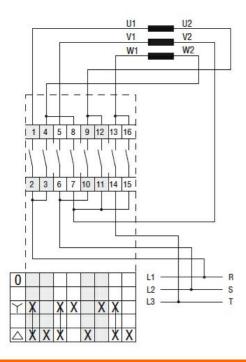
Frontal IP degree IP65
Terminals IP degree IP00

Dimensions



Series	Enclosure size	Number o	f elements	Dimensions								Cable	Protection		
		L	L1	Α	A1	C	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	0.000		0.00	100000	10000000	2000	100000				200000000000000000000000000000000000000	100000000000000000000000000000000000000
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							337.55					31-30-34-17
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	4.5	32	21	39.3	00.0	119.5	47.5021	11.00
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												191
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	123	173	140	112	0.0	32	21	00	04.0	110.5	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 - 3	4 - 6	100	234	120	130	0.0	02	33	,,,	121	1/3	2xPG11	11 00
7GN125		1-2	3 - 4												

Wiring diagrams



Certifications and compliance

Compliance



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7GN6312P25

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IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

Certificates

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete