

			Enclosed rotary
Product designation			cam switch
Product type designation			7GN125
General characteristics			10 Ctor dalta
Switching diagram			12 - Star-delta motor starter switch
N° of elements			4
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Detections with stand welfage Llings	UL/CSA	V	600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		kV	6
	IEC/EN	А	125
	UL/CSA	A	130
Rated operational voltage		V	690
Rated operational impulse voltage		kV	6
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	125
	15kA	А	100
	25kA	A	100
	50kA	A	100
Rated short time current Icw	63kA	A	100
	1s	kA	2100
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		A	125
AC15	1101/	٨	40
	110V 220/230V	A A	40 28
	380/400V	A	15
	660/690V	A	5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	18.5
	380/440V	kW	37
	500/690V	kW	33
Single-phase AC-3	440\/	L-\\\/	5
	110V 220/230V	kW kW	5 11
	380/440V	kW	15
Three-phase AC23A			-
	220/230V	kW	30
	380/440V	kW	45
	500/690V	kW	37
Single-phase AC23A		1 1 4 7	F
	110V	kW	5
	220/230V	kW	11

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		380/440V	kW	15
Rated operational cu				
	DC21A			
		48V 60V	A	125
		110V	A A	80 10
		220V	A	1.2
	DC23A (poles in series)	2201	Π	1.2
		24V	А	125 (1)
		48V	А	125 (2)
		60V	А	125 (3)
		110V	А	50 (3)
		220V	А	20 (4)
	DC13			
		24V	А	125
		48V	Α	100
		60V	А	50
		110V	A	4
Power dissipation			W	6.3
Mechanical features				
Terminals screw				M2X5
Tightening torque for	terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			4.4
		min	AWG	14 1/0
	AWG - Flexible cable	Max	AWG	1/0
	AWG - Flexible cable	min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable	IVIAX	And	1/0
		min	mm²	2.5
		Max	mm²	50
	Conductor size (IEC) - Rigid cable			
	(, 5	min	mm²	2.5
		Max	mm²	50
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direct	ct-on-line control			
	for three-phase motor			
		120V	HP	15
		240V	HP	25
		480V	HP	50
		600V	HP	40
	for single-phase motor			-
		120V	HP	5
Ambient conditions		240V	HP	15
Temperature				
remperature	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature	Пах	<u> </u>	· · · ·
		min	°C	-40
		max	°C	+70

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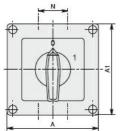
ENERGY AND AUTOMATION

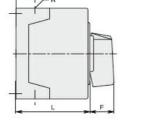
Resistance & Protection

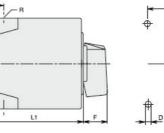
Frontal IP degree

Terminals IP degree

Dimensions







IP00

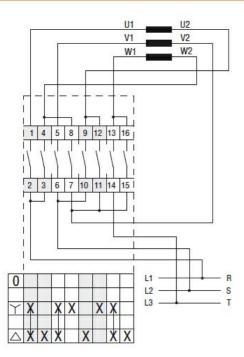
C1

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IP65

Series	Enclosure	Number o	f elements	Dimensions								Cable	Protection		
Series	size	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												
7GN25		1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN32	1	1-2	3 - 4	10000											519-054-02009-17
7GN40		1	2 - 3												
7GN12	110x110	1-4	5-8	-			-	-	-	-					
7GN20		1 - 4	5 - 8	1											
7GN25		1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	05.5	119.5	4-0001	IP65
7GN32		1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IPOD
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5												
7GN40		1 - 2	3 - 4	125	175	140	110		32	21	68	04.2	110.2	4xPG21	IP65
7GN63		1 - 2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	2xPG11	IPop
7GN125		1	2												
7GN32	180x254	1-5	6-8												
7GN40		1 - 4	5 - 7	100	054	100	100		32	35	76	121	175	4xPG29	IDEE
7GN63]	1-3	4 - 6	180	254	120	190	5.5	32	35	70	121	175	2xPG11	IP65
7GN125		1-2	3 - 4												

Wiring diagrams



Certifications and compliance Compliance

7GN12512P



	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
Certificates		
	EAC	
ETIM classification		
		EC001029 -

ETIM 8.0

EC001029 -Selector switch, complete

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