



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 2 POLES 32A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product type designation	Product designation				Enclosed rotary cam switch
Switching diagram Sea - Multi-step 1 - 2-3 2 poles N* of elements Sea - Se					
N° of elements 3 3 P - Plastic enclosure with black handle		S			
Mounting form P - Plastic enclosure with black handle					
Mounting form Section Section	N of elements				
Rated insulation voltage Uim	Mounting form				enclosure with
IEC/EN V 690	Contact characteristics	3			
Rated impulse withstand voltage Uimp	Rated insulation voltag	e Ui			
Rated impulse withstand voltage Uimp					
Conventional free air thermal current lth		1 6 18	UL/CSA		
IEC/EN A 32 40 40 40 40 40 40 40 4				KV	6
Rated operational voltage	Conventional free air ti	iermai current itri	IEC/EN	۸	32
Rated operational voltage					
Rated operational impulse voltage	Rated operational volta	age	<u> </u>		
Maximum fuse size for short-circuit protection In (gG)				kV	
15kA A 32 25kA A 32 A 3		-			_
Rated short time current lcw			10kA	Α	32
Rated short time current lcw			15kA	Α	32
Rated short time current lcw					
Three-phase AC-3 Three-phase AC-3 Three-phase AC23A Three-phase AC23A Tillov kw 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8			50kA	Α	32
Conductivity	Rated short time curre	nt Icw	4 -	٨	000
AC1/AC21A	Conductivity		TS	A	
AC1/AC21A AC15 T110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 500/690V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 18.5		IEC/EN			10/3 1117/ V
AC15 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 500/690V kW 15 500/690V kW 18.5 Single-phase AC23A	operational current le				
110V				Α	32
Single-phase AC23A 220/230V		AC15			_
Rated operational power in AC Three-phase AC-3			110V	Α	25
Rated operational power in AC					
Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 8 380/440V kW 15 500/690V kW 18.5					
Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 8 380/440V kW 15 500/690V kW 18.5	Data Lance Caralan		660/690V	A	2
220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 18.5	Rated operational pow				
380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 4 220/230V kW 4		Three-phase AC-3	220/230\/	k\//	7.5
Single-phase AC-3					
Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 4					
220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 4		Single-phase AC-3			_
380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 4			110V	kW	2.2
Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 4					
220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 4			380/440V	kW	6.5
380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 4		Three-phase AC23A	000/0001	1.347	0
500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 4					
Single-phase AC23A 110V kW 2.2 220/230V kW 4					
110V kW 2.2 220/230V kW 4		Single-phase AC23A	300/090V	r. v v	10.5
220/230V kW 4		Oligio priaso AozoA	110V	kW	2.2

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Rated operational cui				
	DC21A	40)/		00
		48V	A	32
		60V	A	32
		110V	A	6
	DC00A (redection region)	220V	Α	0.9
	DC23A (poles in series)	0.41/		00 (4)
		24V	A	32 (1)
		48V	A	32 (2)
		60V	A	32 (3)
		110V	A	15 (3)
	D040	220V	Α	12 (4)
	DC13	0.41/	^	20
		24V	A	32
		48V	A	25
		60V	A	16
		110V	A	3
D		220V	Α	0.5
Power dissipation			W	1.5
Mechanical features				N44
Terminals screw				M4
Tightening torque for	terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	6
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direc	ct-on-line control			
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
	· · · ·	min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70



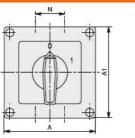
ENERGY AND AUTOMATION

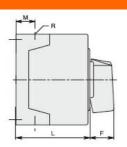
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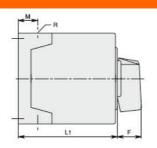
Resistance & Protection

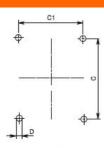
Frontal IP degree IP65
Terminals IP degree IP00

Dimensions



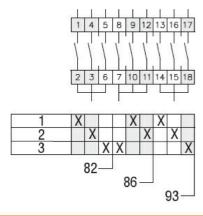






Series	Enclosure size	Number o	f elements	Dimensions							Cable	Protection			
		L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20]	1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20]	1-3	4 - 6		190000		2000			20000		1-3770-20			
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		1-3	4 - 5	110	110	30.4	00	4.5	32	21	09.0	00.0	113.5	4/1/021	11 03
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	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	1 - 3	4 - 6	100	204	120	100	0.0	02	00	70	121	175	2xPG11	11 00
7GN125		1-2	3 - 4												

Wiring diagrams



Certifications and compliance

Compliance

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





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