

## **7GN2512P** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, STAR-DELTA MOTOR STARTER SWITCH 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

Product designation			Enclosed rotary
Product type designation			cam switch 7GN25
General characteristics			701123
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
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith		۸	05
	IEC/EN UL/CSA	A	25 30
Rated operational voltage	UL/CSA	A V	480
Rated operational impulse voltage		kV	480
Maximum fuse size for short-circuit protection In (gG)		ΚV	4
	10kA	А	25
	15kA	A	25
	25kA	A	25
Rated short time current Icw			
	1s	А	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		А	25
AC15		7.	20
	110V	А	16
	220/230V	А	12
	380/400V	А	8
	660/690V	А	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	5.5
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC-3	4401	1.1.47	4 5
	110V 220/230V	kW	1.5
	220/230V 380/440V	kW kW	3 5.5
Three-phase AC23A	300/440 V	ĸvv	5.5
milee-phase Auzok	220/230V	kW	6.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC23A			· · ·
	110V	kW	1.5
	220/230V	kW	3.7
	380/440V	kW	5.5



ENERGY AND AUTOMATION

Rated operational c	current in DC			
	DC21A			
	202111	48V	А	25
		60V	A	25
		110V	A	4
		220V	А	0.7
	DC23A (poles in series)			
		24V	А	25 (1)
		48V	A	25 (2)
		60V	A	25 (3)
		110V	A	12 (3)
		220V	A	10 (4)
	DC13			
	2010	24V	А	25
		48V	A	20
		40V 60V	A	16
		110V	A	1.5
		220V	A	0.4
Power dissipation		2201	W	1.1
Mechanical features	S		vv	····
Terminals screw				M3.5
Tightening torque for	or terminals max		Nm	0.8
Conductor size			INIII	0.0
	AWG - Rigid cable			
	AWG - Nigid Cable	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	IVIAX	ANG	10
	AWG - Flexible cable	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIdX	AWG	12
		min	mm²	0.5
		min Max	mm²	4
	Conductor cize (IEC) Digid coble	IVIdX	11111	4
	Conductor size (IEC) - Rigid cable	min	mm2	0.5
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data	est en l'as sentel			
Motor power for dir				
	for three-phase motor	4001/		2
		120V	HP	3
		240V	HP	5
		480V	HP	10
	for single phase mater	600V	HP	15
	for single-phase motor	1001		4 5
		120V	HP	1.5
Ambioratograditien		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			05
		min	°C	-25
		max	°C	+55
	Storage temperature	<u>.</u>	^ <del>-</del>	
		min	°C	-40
		max	°C	+70

7GN2512P



## **7GN2512P** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, STAR-DELTA MOTOR STARTER SWITCH 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

C1

-

IP65 IP00

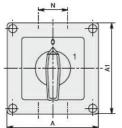
ENERGY AND AUTOMATION

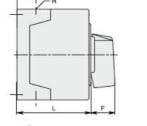
Resistance & Protection

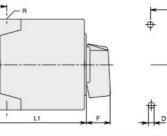
Frontal IP degree

# Terminals IP degree

Dimensions

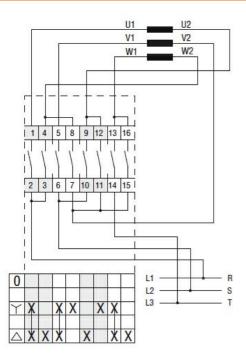






Carias	Enclosure	Number o	f elements	Dimensions					Cable	Protection					
Series	size	L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2 - 3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6		1-202					20000					
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	50.4	03	4.0	32	21	39.5	00.0	119.5	47.021	1600
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 - 2	3 - 4	125	175	140	112	0.0	32	21	00	04.3	110.5	2xPG11	1600
7GN125		1	2												
7GN32	180x254	1 - 5	6 - 8												
7GN40		1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63		1-3	4 - 6	100	204	120	190	0.0	52	- 35	10	121	1/5	2xPG11	11-00
7GN125		1-2	3 - 4												

#### Wiring diagrams



## Certifications and compliance Compliance

Compliance

7GN2512P



## **7GN2512P** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, STAR-DELTA MOTOR STARTER SWITCH 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
Certificates		
	EAC	
ETIM classification		
		EC001029 -
ETIM 8.0		Selector switch,

Selector switch, complete

7GN2512P