



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 125A IN PLASTIC ENCLOSURE 180X254MM WITH BLACK HANDLE

Product designation			Enclosed rotary
Product type designation			cam switch 7GN125
General characteristics			07 01/055
Switching diagram			07 - ON/OFF switch 3 poles
N° of elements			2
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	IEC/EN	۸	125
	UL/CSA	A A	130
Rated operational voltage	OLICOA		690
Rated operational impulse voltage		kV	6
Maximum fuse size for short-circuit protection In (gG)			
. ,	10kA	Α	125
	15kA	Α	100
	25kA	Α	100
	50kA	Α	100
	63kA	Α	100
Rated short time current lcw			0.400
Conductivity	1s	Α	2100 10/5 mA/V
Conductivity Operational current le IEC/EN			10/5 IIIA/ V
AC1/AC21A			
NO IMOZIN		Α	125
AC15			
	110V	Α	40
	220/230V	Α	28
	380/400V	Α	15
	660/690V	Α	5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	18.5
	380/440V	kW	37
Single phase AC 2	500/690V	kW	33
Single-phase AC-3	110V	kW	5
	220/230V	kW	11
	380/440V	kW	15
Three-phase AC23A	223, 110 V		
•	220/230V	kW	30
	380/440V	kW	45
	500/690V	kW	37
Single-phase AC23A			
	110V	kW	5
	220/230V	kW	



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 125A IN PLASTIC ENCLOSURE 180X254MM WITH BLACK HANDLE

		380/440V	kW	15
Rated operational cu	rrent in DC			
	DC21A			
		48V	Α	125
		60V	Α	80
		110V	Α	10
		220V	Α	1.2
	DC23A (poles in series)			
		24V	Α	125 (1)
		48V	Α	125 (2)
		60V	Α	125 (3)
		110V	A	50 (3)
	7040	220V	Α	20 (4)
	DC13	0.417		405
		24V	A	125
		48V	A	100
		60V	A	50
Device discipation		110V	A	4
Power dissipation			W	6.3
Mechanical features Terminals screw				M2X5
Tightening torque for	torminals may		Nm	2
Conductor size	terminals max		INIII	
Conductor Size	AWG - Rigid cable			
	AWG - Rigid Cable	min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable	IVIAX	AVVG	1/0
	AVVG - Flexible Cable	min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable	IVICA	700	170
	Conductor size (ILC) - I lexible cable	min	mm²	2.5
		Max	mm²	50
	Conductor size (IEC) - Rigid cable	IVICA	111111	
	Conductor size (ILC) - rigid cable	min	mm²	2.5
		Max	mm²	50
Mechanical life		IVIOX	cycles	1X10 ⁶
UL technical data			Oyoloo	17(10
Motor power for direc	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
		240V	HP	15
Ambient conditions				
Temperature				_
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

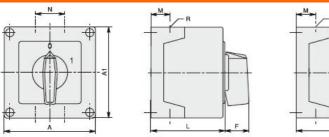
ENERGY AND AUTOMATION

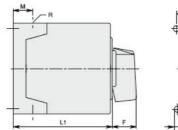
ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 125A IN PLASTIC ENCLOSURE 180X254MM WITH BLACK HANDLE

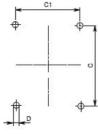
Resistance & Protection

Frontal IP degree IP65
Terminals IP degree IP00

Dimensions

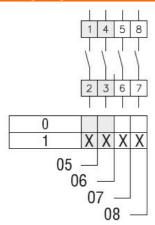






Series	Enclosure size	Number o	f elements	Dimensions									Cable	Protection	
		L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	Protection degree
7GN12	75x75	1 - 2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1 - 3	4 - 6												
7GN20		1-3	4 - 6	0000	1600.00		2025			2455.51	0000			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				1								
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	7.0	32		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												0.5
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	120	170	140	1.112	0.0	02		00	04.0	110.0	2xPG11	11 00
7GN125		1	2												
7GN32	180x254	1 - 5	6-8											700000000000000000000000000000000000000	
7GN40		1-4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63	1	1 - 3	4 - 6	100	201	120	100	0.0	0.2		1.0	,		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



7GN12507P

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 125A IN PLASTIC ENCLOSURE 180X254MM WITH BLACK HANDLE

ETIM 8.0

EC001029 -Selector switch, complete