

# ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 25A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM



			Doton, com
Product designation			Rotary cam switches
Product type designation			7GN25
General characteristics			
Switching diagram			91 - ON/OFF switch 2 poles
N° of elements			1
Mounting form			U65 - Front mounting with red/yellow handle padlockable in 0 and protection covers
Contact characteristics			
Rated insulation voltage Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEC/EN	А	25
Detect or costing also like as	UL/CSA	A	30
Rated operational voltage  Rated operational impulse voltage		V kV	480
Maximum fuse size for short-circuit protection In (gG)		N V	4
maximam rude dize for difere difeate protection in (ge)	10kA	Α	25
	15kA	Α	25
	25kA	Α	25
Rated short time current Icw	1s	Α	400
Conductivity	13		10/5 mA/V
Operational current le IEC/EN			10/3 11/7 1
AC1/AC21A		А	25
AC15			20
	110V	Α	16
	220/230V	Α	12
	380/400V	Α	8
	660/690V	Α	2
Rated operational power in AC Three-phase AC-3			
THIS PHASE NO C	220/230V	kW	5.5
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC-3			
	110V	kW	1.5
	220/230V	kW	3





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		380/440V	kW	5.5
	Three-phase AC23A			
		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
Rated operational co	urrent in DC			
	DC21A			
		48V	Α	25
		60V	A	25
		110V	A	4
		220V	A	0.7
	DCCCA (nolog in corios)	2201	A	0.7
	DC23A (poles in series)	0.41/	^	05 (4)
		24V	A	25 (1)
		48V	A	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	A	10 (4)
	DC13			
		24V	Α	25
		48V	Α	20
		60V	Α	16
		110V	Α	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
	r terminale may		Nm	0.8
Tightening torque fo	i terrilias max		1 4111	
Tightening torque fo Conductor size	i terminais max		INIII	
			IVIII	
	AWG - Rigid cable	min		20
		min Max	AWG	20 10
	AWG - Rigid cable	min Max		20 10
		Max	AWG AWG	10
	AWG - Rigid cable	Max min	AWG AWG	20
	AWG - Rigid cable  AWG - Flexible cable	Max	AWG AWG	10
	AWG - Rigid cable	Max min Max	AWG AWG AWG AWG	10 20 12
	AWG - Rigid cable  AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG	10 20 12 0.5
	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG AWG	10 20 12
	AWG - Rigid cable  AWG - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	10 20 12 0.5 4
	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	10 20 12 0.5 4
Conductor size	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	10 20 12 0.5 4
Conductor size  Mechanical life	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	10 20 12 0.5 4
Conductor size  Mechanical life  UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	10 20 12 0.5 4
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Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max min Max min Max  120V 240V	AWG AWG AWG AWG mm² mm² cycles	10 20 12 0.5 4 0.5 4 5x10 <sup>6</sup>
Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  ect-on-line control for three-phase motor	Max min Max min Max  min Max  120V 240V 480V	AWG AWG AWG AWG mm² mm² cycles	10 20 12 0.5 4 0.5 4 5x10 <sup>6</sup>
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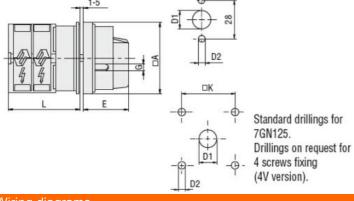




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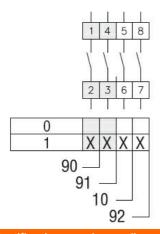
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP40
Terminals IP degree			•	IP00
Discount of the second				

## Dimensions



Carias			Dimensions				L			
Series	□A	D1	D2	Е	G	□K	1	2	3	12
7GN12	65	12	5	34.2	5	36	36.1	45.8	55.5	142.8
7GN20	65	12	5	34.2	5	36	36.1	45.8	55.5	142.8
7GN25	65	12	5	34.2	5	36	40.5	54.1	67.7	190.1
7GN32	65	14	5	38	6	48	46.5	61.6	76.7	212.6
7GN40	65	14	5	38	6	48	46.5	61.6	76.7	212.6
7GN63	65	14	5	38	6	48	50.3	68.4	86.5	249.4
7GN125	90	16	6	49	7	68	67.3	96.4	125.5	394.9

#### Wiring diagrams



#### Certifications and compliance

Compliand	:е

CSA C22.2 n° 14

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

UL60947-4-1

## Certificates

cCSAus

EAC

UL

#### ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete

### 7GN2591U65



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