

## **7GN2592U25** ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 25A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM



Product designation     switc       Product type designation     7GN       General characteristics     92 - 0       Switching diagram     92 - 0       N° of elements     2       U25     moun       Mounting form     red/y	25 ON/OFF ch 4 poles - Front nting with vellow handle ockable in 0 protection
Product type designation 7GN General characteristics 92 - Switching diagram 92 - Switching	25 ON/OFF ch 4 poles - Front nting with vellow handle ockable in 0 protection
General characteristics       92 -          Switching diagram       92 -          N° of elements       2         Mounting form       U25         Mounting form       red/y         Padle       and p         Contact characteristics       cove         Rated insulation voltage Ui       IEC/EN       V       690         UL/CSA       V       600         Rated impulse withstand voltage Uimp       kV       6	ON/OFF ch 4 poles - Front nting with /ellow handle ockable in 0 protection
Switching diagram       92         N° of elements       2         Mounting form       U25         Mounting form       red/y         Contact characteristics       and p         Rated insulation voltage Ui       IEC/EN       V         Rated impulse withstand voltage Uimp       kV       6	- Front nting with vellow handle ockable in 0 protection
Switching diagram switching diagram switching diagram switching diagram switching of elements 2 U25 mour red/y padle and possible padle padle and possible padle padle and possible padle	- Front - Front nting with vellow handle ockable in 0 protection
Mounting form Mounting form Contact characteristics Rated insulation voltage Ui Rated impulse withstand voltage Uimp KV 6	nting with vellow handlo ockable in 0 protection
Mounting form Mounting form Contact characteristics Rated insulation voltage Ui IEC/EN V 690 UL/CSA V 600 Rated impulse withstand voltage Uimp kV 6	nting with /ellow handl ockable in 0 protection
Mounting form       red/y         Mounting form       padle         and point       cove         Contact characteristics       red/y         Rated insulation voltage Ui       IEC/EN       V       690         UL/CSA       V       600         Rated impulse withstand voltage Uimp       kV       6	vellow handlo ockable in 0 protection
Mounting form       padic         and p         Contact characteristics         Rated insulation voltage Ui         IEC/EN       V         000000000000000000000000000000000000	ockable in 0 protection
Contact characteristics       cove         Rated insulation voltage Ui       IEC/EN       V       690         UL/CSA       V       600         Rated impulse withstand voltage Uimp       kV       6	protection
Contact characteristics         Rated insulation voltage Ui         IEC/EN       V       690         UL/CSA       V       600         Rated impulse withstand voltage Uimp       kV       6	ers
Rated insulation voltage Ui       IEC/EN       V       690         UL/CSA       V       600         Rated impulse withstand voltage Uimp       kV       6	
IEC/EN     V     690       UL/CSA     V     600       Rated impulse withstand voltage Uimp     kV     6	
UL/CSAV600Rated impulse withstand voltage UimpkV6	
Rated impulse withstand voltage Uimp kV 6	
IEC/EN A 25	
UL/CSA A 30	
Rated operational voltage V 480	
Rated operational impulse voltage kV 4	
Maximum fuse size for short-circuit protection In (gG)	
10kA A 25	
15kA A 25	
25kA A 25	
Rated short time current Icw	
1s kA 400	
Conductivity 10/5 Operational current le IEC/EN	mA/V
AC1/AC21A	
A 25	
AC15	
110V A 16	
220/230V A 12	
380/400V A 8	
660/690V A 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	
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 cu	urrent in DC			
	DC21A			
		48V	А	25
		60V	A	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)	<b>•</b> • • •		
		24V	A	25 (1)
		48V	Α	25 (2)
		60V	A	25 (3)
		110V	Α	12 (3)
		220V	А	10 (4)
	DC13			
		24V	А	25
		48V	А	20
		60V	А	16
		110V	A	1.5
		220V	A	0.4
Power dissipation		220 V	W	1.1
Mechanical features			VV	1.1
Terminals screw				M3.5
	r terminole may		Nm	0.8
Tightening torque for			INITI	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	- Max		
		min	mm²	0.5
		Max	mm²	4
Machanical life		IVIAX		
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for dire				
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			-
	0	120V	HP	1.5

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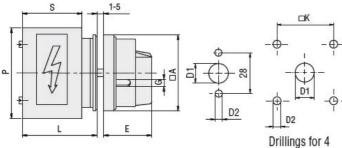
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		240V	HP	3
Ambient conditions	;			
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Prote	ection			
Frontal IP degree				IP40
Terminals IP degre	e			IP00

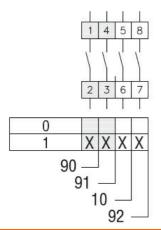
#### Dimensions



Drillings for 4 screws fixing (4V version).

Series	Dimensions								
Series	□A	D1	D2	E	G	□K	S	Р	L
7GN12	65	12	5	34.2	5	36	43	64	54.3
7GN20	65	12	5	34.2	5	36	43	64	54.3
7GN25	65	12	5	34.2	5	36	51	68	62.6
7GN32	65	14	5	38	6	48	55	77	71.7
7GN40	65	14	5	38	6	48	55	77	71.7

# Wiring diagrams



### Certifications and compliance

### Compliance

CSA C22.2 n° 14
IEC/EN/BS 60947-1
IEC/EN/BS 60947-3
IEC/EN/BS 60947-5-1
UL60947-4-1

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Certificates		
	cCSAus	
	EAC	
	UL	
ETIM classification		
		EC001105 - Off-

ETIM 8.0

EC001105 - Off load switch