

7GN12592U65 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 125A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 90X90MM



Draduct decignation			Rotary cam
Product designation			switches
Product type designation			7GN125
General characteristics			
Switching diagram			92 - ON/OFF
			switch 4 poles
N° of elements			2 U65 - Front
			mounting with
			red/yellow handle
Mounting form			padlockable in 0
			and protection
			covers
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	A	125
	UL/CSA	<u>A</u>	130
Rated operational voltage		V	690
Rated operational impulse voltage		kV	6
Maximum fuse size for short-circuit protection In (gG)		۸	405
	10kA 15kA	A A	125 100
	25kA	A	100
	50kA	A	100
	63kA	A	100
Rated short time current Icw	00101		100
	1s	kA	2100
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	125
AC15			
	110V	А	40
	220/230V	А	28
	380/400V	А	15
	660/690V	A	5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	18.5
	380/440V	kW	37
Single phase AQ 0	500/690V	kW	33
Single-phase AC-3			

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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		110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
	Three-phase AC23A			
		220/230V	kW	30
		380/440V	kW	45
		500/690V	kW	37
	Single-phase AC23A	000/0001		01
		110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
Rated operational curr	cent in DC	000/++01		10
	DC21A			
	DOZTA	48V	А	125
		48V 60V		
			A	80
		110V	A	10
		220V	A	1.2
	DC23A (poles in series)			
		24V	А	125 (1)
		48V	А	125 (2)
		60V	А	125 (3)
		110V	А	50 (3)
		220V	А	20 (4)
	DC13			
		24V	А	125
		48V	А	100
		60V	А	50
		110V	А	4
Power dissipation			W	6.3
Power dissipation Mechanical features			W	6.3
Mechanical features			W	
Mechanical features Terminals screw	erminals max			M2X5
Mechanical features Terminals screw Tightening torque for t	erminals max		W Nm	
Mechanical features Terminals screw				M2X5
Mechanical features Terminals screw Tightening torque for t	erminals max AWG - Rigid cable	min	Nm	M2X5 2
Mechanical features Terminals screw Tightening torque for t		min	Nm	M2X5 2 14
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable	min Max	Nm	M2X5 2
Mechanical features Terminals screw Tightening torque for t		Max	Nm AWG AWG	M2X5 2 14 1/0
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable	Max min	Nm AWG AWG AWG	M2X5 2 14 1/0 14
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max	Nm AWG AWG	M2X5 2 14 1/0
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable	Max min Max	Nm AWG AWG AWG AWG	M2X5 2 14 1/0 14 1/0
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max min Max min	Nm AWG AWG AWG AWG mm ²	M2X5 2 14 1/0 14 1/0 2.5
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	Nm AWG AWG AWG AWG	M2X5 2 14 1/0 14 1/0
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max min Max min Max	Nm AWG AWG AWG AWG mm ² mm ²	M2X5 2 14 1/0 14 1/0 2.5 50
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	Nm AWG AWG AWG AWG mm ² mm ²	M2X5 2 14 1/0 14 1/0 2.5 50 2.5
Mechanical features Terminals screw Tightening torque for t Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	Nm AWG AWG AWG AWG mm ² mm ² mm ²	M2X5 2 14 1/0 14 1/0 2.5 50 2.5 50
Mechanical features Terminals screw Tightening torque for t Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	Nm AWG AWG AWG AWG mm ² mm ²	M2X5 2 14 1/0 14 1/0 2.5 50 2.5
Mechanical features Terminals screw Tightening torque for t 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	Nm AWG AWG AWG AWG mm ² mm ² mm ²	M2X5 2 14 1/0 14 1/0 2.5 50 2.5 50
Mechanical features Terminals screw Tightening torque for t Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	Nm AWG AWG AWG AWG mm ² mm ² mm ²	M2X5 2 14 1/0 14 1/0 2.5 50 2.5 50
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Mechanical features Terminals screw Tightening torque for t 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	Nm AWG AWG AWG AWG mm ² mm ² mm ²	M2X5 2 14 1/0 14 1/0 2.5 50 2.5 50
Mechanical features Terminals screw Tightening torque for t 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	Nm AWG AWG AWG AWG mm ² mm ² mm ² cycles	M2X5 2 14 1/0 14 1/0 2.5 50 2.5 50 2.5 50 1X10 ⁶
Mechanical features Terminals screw Tightening torque for t 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 120V	Nm AWG AWG AWG AWG mm ² mm ² mm ² cycles	M2X5 2 14 1/0 14 1/0 2.5 50 2.5 50 1X10 ⁶
Mechanical features Terminals screw Tightening torque for t 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	Nm AWG AWG AWG Mm ² mm ² mm ² cycles	M2X5 2 14 1/0 14 1/0 2.5 50 2.5 50 2.5 50 1X10 ⁶

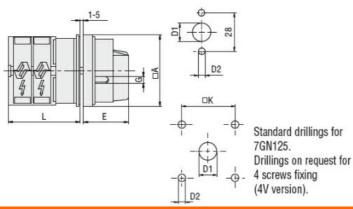
for single-phase motor



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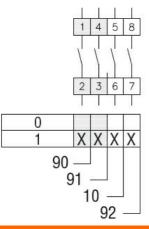
		120V	HP	5
		240V	HP	15
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Prote	ction			
Frontal IP degree				IP40
Terminals IP degree	9			IP00
Dimensions				

Dimensions



Series			Dimer	isions					L	
Series	□A	D1	D2	E	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

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	
Certificates		
	EAC	
	UL	
ETIM classification		
ETIM 8.0		EC001105 - Off- load switch

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