



			•
Draduat designation			Enclosed rotary
Product designation			cam switch
Product type designation			7GN32
General characteristics			40.01/055
Switching diagram			10 - ON/OFF
N° of elements			switch 3 poles
IN OF elements			P25 - Plastic
Mounting form			enclosure with
			red/yellow 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	А	32
	UL/CSA	Α	40
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	32
	15kA	A	32
	25kA	A	32
	50kA	A	32
Rated short time current Icw	4 -	۸	000
Conductivity	1s	A	800 10/5 mA/V
Conductivity Operational current le IEC/EN			10/5 IIIA/ V
AC1/AC21A			
		А	32
AC15			02
	110V	А	25
	220/230V	A	20
	380/400V	А	10
	660/690V	А	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC-3			
	110V	kW	2.2
	220/230V	kW	4
	380/440V	kW	6.5
Three-phase AC23A			

7GN3210P25

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



7GN3210P25 ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLE 32A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

220/230V kW 8 300/40V kW 15 Songle-phase AC23A 110V kW 2.2 220/230V kW 4 380/40V kW 15 Rated operational current in DC DC21A 48V A 32 60V A 32 60V A 32 60V A 32 60V A 32 100V A 32 60V A 16 10V A <					
380/440V KW 15 Single-phase AC23A 110V KW 12.2 200230V KW 4 380/440V KW 7.5 Rated operational current in DC 0021A 48V A 32 110V KW 4 32 100V A 32 110V A 6 220V A 32 100V A 32 110V A 6 220V A 32 100V A 32 10V A 32			220/2201/	۲\\/	0
Single-phase AC23A 110V 2200/230V kW 2.2 220/230V Rated operational current in DC DC21A 380/440V A 32 60V A 32 100V KW 7.5 Control DC21A 48V A 32 100V A 6 200V A 32 100V A 6 220V A 0.9 DC23A (poles in series) 24V A 32 (1) 48V A 32 (2) 60V A 32 (3) 110V A 8 (2) 60V A 32 (3) DC13 24V A 32 (3) 10V A 32 (3) Power dissipation W A 32 (2) 60V A 32 (3) Terminals screw M4 10 48V A 32 (4) Terminals screw M4 1.5 60V A 32 Conductor size (IEC) - Flexible cable min AWG 16 MWG - Flickible cable </td <td></td> <td></td> <td></td> <td></td> <td></td>					
Single-phase AC23A 110V kW 2.2 220/230V kW 4 380/440V kW 7.5 Rated operational current in DC DC21A 48V A 32 100V A 32 60V A 32 100V A 6 220V A 0.9 DC23A (poles in series) 24V A 32 (3) 110V A 15 (3) DC13 24V A 32 (3) 110V A 16 (3) DC13 24V A 32 (3) 110V A 32 (3) Power dissipation W A 32 (3) 110V A 32 (3) Power dissipation W A 32 (3) 110V A 3 Power dissipation W A 32 (3) 110V A 3 Conductor size Metantal features Metantal features Metantal features 15 Conductor size (IEC) - Flexible cable min Mm ² <td></td> <td></td> <td></td> <td></td> <td></td>					
110V kW 2.2 220/230V kW 4 380/40V kW 7.5 Rated operational current in DC 0021A 48V A 32 60V A 32 100V A 6 220V A 0.9 200 A 32 100V A 6 220V A 0.9 DC23A (poles in series) 24V A 32 (1) 48V A 32 (2) 60V A 32 (2) 60V A 32 (2) 60V A 32 (3) 110V A 32 (3) 100V A 32 (3) 110V A 32 (3) DC13 24V A 32 60V A 16 110V A 3 220V A 0.5 60V A 16 120V A 0.5 MMG 16 Max AWG 10 6 60V 6			500/690V	KVV	18.5
220/230V kW 4 380/440V kW 7.5 Rated operational current in DC DC21A 48V A 32 60V A 32 10V A 6 2007 A 0.9 20V A 0.9 DC23A (poles in series) 24V A 32 (1) 48V A 32 (2) 60V A 32 (2) 60V A 32 (2) 60V A 32 (2) DC3A (poles in series) 24V A 32 (2) 60V A 15 (3) DC13 24V A 32 (2) 60V A 16 Toto 24V A 32 (2) 60V A 16 10V A 32 (2) A 0.5 5 Power dissipation W A 32 48V A 32 Terminals screw M4 16 10 6 6 Conductor size MVG - Rigi		Single-phase AC23A			
380/400V kW 7.5 Rated operational current in DC 000 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
Rated operational current in DC A 32 DC21A 48V A 32 60V A 32 110V A 6 220V A 0.9 DC23A (poles in series) 24V A 32 (1) 48V A 32 (2) 60V A 32 (2) 60V A 32 (2) 60V A 32 (2) 60V A 32 (2) 60V A 32 (2) 60V A 15 (3) 220V A 12 (4) DC13 24V A 32 (2) 60V A 16 110V A 3 220V A 0.5 7 Power dissipation W 1.5 7			220/230V	kW	4
DC21A 48V A 32 60V A 32 110V A 6 220V A 0.9 DC23A (poles in series) 24V A 32 (1) 48V A 32 (2) 60V A 32 (2) 60V A 32 (2) 60V A 32 (2) 60V A 32 (2) 60V A 32 (2) 60V A 32 (2) 60V A 32 (3) 10V A 15 (3) 220V A 12 (4) DC13 24V A 3 2 48V A 3 2 60V A 16 10V A 3 7000000000000000000000000000000000000			380/440V	kW	7.5
48V A 32 60V A 32 110V A 6 220V A 0.9 DC23A (poles in series) 24V A 32 (1) 48V A 32 (2) 60V A 32 (2) 60V A 32 (3) 110V A 15 (3) 220V A 12 (4) A 32 (3) DC13 24V A 32 48V A 25 60V A 32 (3) DC13 24V A 32 48V A 25 60V A 12 (4) A 32 48V A 25 60V A 13 220V A 0.5 Mechanical features M4 15 Tightening torque for terminals max Nm 1.2 Conductor size (RC) Max AWG 8 AWG - Rigid cable min AWG 8 Max AWG 1.5 </td <td>Rated operational cur</td> <td>rent in DC</td> <td></td> <td></td> <td></td>	Rated operational cur	rent in DC			
600/ A 32 1100/ A 6 220V A 0.9 DC23A (poles in series) 24V A 32 (1) 48V A 32 (2) 60V A 32 (3) 100/ A 15 (3) 220V A 12 (4) DC13 24V A 32 3 48V A 32 (3) 110V A 15 (3) 200/ A 12 (4) DC13 24V A 32 60/ A 32 48V A 32 60/ A 32 24V A 32 70/13 24V A 32 34 32 6 WG A 16 100 10 Conductor size MG - Rigid cable Min Min Min Min 12 Conductor size (IEC) - Flexible cable min mm² 1.5 Max 10 15 10		DC21A			
Intervention A 6 220V A 0.9 DC23A (poles in series) 24V A 32 (1) 48V A 32 (2) 60V A 32 (3) 110V A 15 (3) 220V A 12 (4) DC13 24V A 32 60V A 16 110V A 3 220V A 12 (4) DC13 24V A 32 60V A 16 110V A 3 220V A 0.5 60V A 16 110V A 3 220V A 0.5 60V A 16 10V A 3 220V A 0.5 60V A 16 10V A 3 220V A 0.5 60V A 0.5 60V A 0.5 60V 1.2 60V 1.2 60V 1.2 60V 60V			48V	А	32
Intervention A 6 220V A 0.9 DC23A (poles in series) 24V A 32 (1) 48V A 32 (2) 60V A 32 (3) 110V A 15 (3) 220V A 12 (4) DC13 24V A 32 60V A 16 110V A 3 220V A 12 (4) DC13 24V A 32 60V A 16 110V A 3 220V A 0.5 60V A 16 110V A 3 220V A 0.5 60V A 16 10V A 3 220V A 0.5 60V A 16 10V A 3 220V A 0.5 60V A 0.5 60V A 0.5 60V 1.2 60V 1.2 60V 1.2 60V 60V			60V	А	32
Image: series 220V A 0.9 DC23A (poles in series) 24V A 32 (1) 48V A 32 (2) 60V A 32 (3) 110V A 15 (3) 220V A 12 (4) DC13 24V A 32 32 48V A 32 32 48V A 32 48V A 32 48V A 32 48V A 32 60V A 16 110V A 3 110V A 3 220V A 0.5 Power dissipation W N 15 Mechanical features MM 15 Inplication for terminals max Nm 1.2 Nm 1.2 Nm Conductor size AWG - Rigid cable Max AWG 8 NM Inplication for terminals max Nm 1.2 Nm 1.5 Nm 1.5					
DC23A (poles in series) 24V A 32 (1) 48V A 32 (2) 60V A 32 (3) 110V A 15 (3) 220V A 12 (4) DC13 24V A 32 60V A 32 0C13 24V A 32 60V A 12 (4) DC13 24V A 32 60V A 16 110V A 3 220V A 0.5 Power dissipation W 1.5 Mechanical features M 1.5 Terminals screw M4 1.5 Mechanical features M4 1.2 Conductor size AWG - Rigid cable Min 1.2 1.5 AWG - Flexible cable min AWG 16 Max AWG 10 1.5 Max Conductor size (IEC) - Flexible cable min mm2 1.5 Max mm2 1.5 Max mm2					
24V A 32 (1) 48V A 32 (2) 60V A 32 (3) 110V A 15 (3) 220V A 12 (4) DC13 24V A 32 48V A 32 48V A 32 60V A 16 110V A 3 220V A 0.5 Power dissipation W 1.5 Mechanical features		DC22A (nales in series)	2201	Π	0.0
48v A 32 (2) 600v A 32 (3) 110v A 15 (3) 220v A 12 (4) DC13 24V A 24W A 32 600v A 16 110v A 3 200v A 0.5 Power dissipation W 1.5 Mechanical features W 1.5 Prover dissipation screw M4 M4 Tightening torque for terminals max Nm 1.2 Conductor size AWG - Rigid cable Max AWG Max AWG 16 Max AWG - Flexible cable Min AWG 16 Max AWG 10 10 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 1.5 6 10 Conductor size (IEC) - Rigid cable min mm² 1.5 Max m		DCZSA (poles in series)	241/	^	22 (4)
60V A 32 (3) 110V A 15 (3) 220V A 12 (4) DC13 24V A 32 48V A 25 60V A 16 110V A 32 33 32 32 48V A 25 60V A 16 110V A 3 32 32 Power dissipation W 1.5 5 Power dissipation screw M4 110V A 3 Tightening torque for terminals max Nm 1.2 5 Conductor size AWG - Rigid cable Min AWG 6 AWG - Flexible cable min AWG 16 6 Max AWG 10 6 6 6 Conductor size (IEC) - Flexible cable min mm² 1.5 6 Methanical life cycles 5x10° 1.5 6 10 10 10					
110V A 15 (3) 20V A 12 (4) DC13 24V A 32 48V A 25 60V A 16 110V A 3 220V A 0.5 Power dissipation W 1.5 3 3 220V A 0.5 Power dissipation Max Md 1.5 3					
220V A 12 (4) DC13 24V A 32 48V A 25 60V A 16 110V A 3 220V A 0.5 Power dissipation W 1.5 Mechanical features H Terminals screw M4 Tightening torque for terminals max Nm 1.2 Conductor size AWG - Rigid cable min AWG 8 AWG - Flexible cable min MMX 88 AWG - Flexible cable min MMX 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max MWG 10 10 10 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 6 1.5 1.5 Max mm² 6 1.5 1.5 Max mm² 6 1.5 1.5 Max Max 1.5 1.5 1.5					
DC13 24V A 32 48V A 25 60V A 16 110V A 3 220V A 0.5 Power dissipation W 1.5 10V A 3 Terminals screw M4 15 10V A 3 Tightening torque for terminals max Nm 1.2 Conductor size AWG - Rigid cable 1.2 AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Rigid cable 1.5 Max AWG 16 Max MWG 10 10 1.5 Max MWG 10 1.5 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 1.5 Max MWG 10 Conductor size (IEC) - Rigid cable 5.10* 1.5 <				Α	15 (3)
DC13 24V A 32 48V A 25 60V A 16 110V A 3 220V A 0.5 Power dissipation W 1.5 Mechanical features M4 Tightening torque for terminals max Nm 1.2 Conductor size AWG - Rigid cable Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 8 AWG - Flexible cable min Max MWG 16 Max MWG 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 Conductor size (IEC) - Rigid cable min mm² 1.5 Max Mm² 6 Mechanical life cycles 5x10* 10 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 </td <td></td> <td></td> <td>220V</td> <td>А</td> <td>12 (4)</td>			220V	А	12 (4)
24V A 32 48V A 25 60V A 16 110V A 3 220V A 0.5 Power dissipation W 1.5 Mechanical features M4 Tightening torque for terminals max Nm 1.2 Conductor size AWG - Rigid cable M4 AWG - Rigid cable Max AWG 16 Max AWG 16 Max AWG AWG - Flexible cable min AWG 16 Max AWG 10 Conductor size (IEC) - Flexible cable min mm² Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 1.5 Max mm² 6 Mechanical life cycles 5x10° 1.5 1.5 Max mm² 6 1.5 1.5 1.5 Max mm² 6 1.5 1.5 1.5 1.5		DC13			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			24V	А	32
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$					
$\begin{array}{c c c c c c c } 110V & A & 3\\ 220V & A & 0.5\\ \hline Power dissipation & W & 1.5\\ \hline \hline Power dissipation & W & 1.5\\ \hline \hline \hline Power dissipation & W & 1.5\\ \hline \hline \hline Power dissipation & W & 1.5\\ \hline \hline \hline \hline Mechanical features & & M4\\ \hline \hline \hline Tightening torque for terminals max & Nm & 1.2\\ \hline \hline Conductor size & & & & & & & \\ \hline \hline AWG - Rigid cable & & & & & & \\ \hline \hline & & & & & & & & \\ \hline & & & &$					
220V A 0.5 Power dissipation W 1.5 Mechanical features W 1.5 Terminals screw M4 Tightening torque for terminals max Nm 1.2 Conductor size AWG - Rigid cable min AWG 8 AWG - Flexible cable min AWG 16 Max AWG 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max MWG 16 Max MWG 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 1.5 Max mm² 4 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 6 Max mm² 1.5 Mechanical life cycles 5 10° Mu UL technical data If the phase motor 120V HP 5 Motor power for direct-on-line control for single-phase motor 120V <					
Power dissipation W 1.5 Mechanical features M4 Tightening torque for terminals max Nm 1.2 Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Rigid cable 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max Mm² 4 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 1.5 Mechanical life cycles 5x10° VL technical data 10 Motor power for direct-on-line control for three-phase motor 120V HP 5 240V HP 10 480V HP 15 for single-phase motor 120V HP 5 240V HP 5					
Mechanical features Terminals screw M4 Tightening torque for terminals max Nm 1.2 Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG 8 AWG - Flexible cable min AWG 16 Max AWG 10 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 10 10 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 1.5 Max mm² 6 Mechanical life cycles 5x10° 10 10 UL technical data mm² 6 10 10 10 Motor power for direct-on-line control for three-phase motor 120V HP 5 for single-phase motor 120V HP 15 15 for single-phase motor 120V HP 15 15			220V		
Terminals screw M4 Tightening torque for terminals max Nm 1.2 Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 4 16 16 Max AWG 16 Max AWG 10 Conductor size (IEC) - Flexible cable min MWG 16 Max MWG 10 15 Conductor size (IEC) - Flexible cable min mm² 4 Conductor size (IEC) - Rigid cable min mm² 4 Conductor size (IEC) - Rigid cable min mm² 6 Mechanical life cycles 5x10° 1.5 UL technical data mm² 6 120V HP 5 UL technical data 120V HP 5 240V HP 15 GootV HP 15 600V HP 15 600V 15				W	1.5
Tightening torque for terminals max Nm 1.2 Conductor size AWG - Rigid cable min AWG 16 Max AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 10 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 10 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 6 2000 10 VL technical life cycles 5x10° 10 UL technical data 1.5 1.5 1.5 Motor power for direct-on-line control for three-phase motor 120V HP 5 480V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 2 240V HP 5 5 5 5 5 5 5					
Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 10 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 10 Conductor size (IEC) - Flexible cable min mm² 4 Conductor size (IEC) - Rigid cable min mm² 6 Mechanical life cycles 5x10° 5x10° UL technical data mm² 6 10 Motor power for direct-on-line control for three-phase motor 120V HP 5 120V HP 15 60 15 for single-phase motor 120V HP 15 for single-phase motor 120V HP 2 120V HP 2 240V HP 5					
AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 10 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 10 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 4 1.5 Conductor size (IEC) - Rigid cable min mm² 6 Wechanical life cycles 5x10° 1.5 UL technical data mm² 6 1.5 Motor power for direct-on-line control for three-phase motor 120V HP 5 240V HP 15 15 15 15 for single-phase motor 120V HP 15 15 for single-phase motor 120V HP 5 240V HP 5					
min MaxAWG AWG16 MaxAWG - Flexible cablemin MaxAWG16 MaxMaxAWG10Conductor size (IEC) - Flexible cablemin Maxmm²1.5 MaxMaxmm²1.5 Max1.5 Max1.5 	Tightening torque for	terminals max		Nm	
MaxAWG8AWG - Flexible cableminAWG16MaxAWG10Conductor size (IEC) - Flexible cableminmm²1.5MaxMaxMax4Conductor size (IEC) - Rigid cableminmm²6MaxMaxmm²6Maxmm²6Maxmm²6UL technical lifecycles5x10°UL technical dataresponse motor120VHP5Motor power for direct-on-line control for three-phase motor120VHP15for single-phase motor120VHP15for single-phase motor120VHP15for single-phase motor120VHP2240VHP155for single-phase motor120VHP2240VHP55	Tightening torque for	terminals max		Nm	
AWG - Flexible cable min AWG 16 Max AWG 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 Conductor size (IEC) - Rigid cable min mm² 6 Mechanical life cycles 5x10° UL technical data cycles 5x10° VL technical data 120V HP 5 240V HP 10 480V HP 15 for single-phase motor 120V HP 15 15 for single-phase motor 120V HP 2 240V HP 15 for single-phase motor 120V HP 15 15 120V HP 15	Tightening torque for			Nm	
AWG - Flexible cable min AWG 16 Max AWG 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 Conductor size (IEC) - Rigid cable min mm² 6 Mechanical life cycles 5x10° UL technical data cycles 5x10° VL technical data 120V HP 5 240V HP 10 480V HP 15 for single-phase motor 120V HP 15 15 for single-phase motor 120V HP 2 240V HP 15 for single-phase motor 120V HP 15 15 120V HP 15	Tightening torque for		min		1.2
min AWG 16 Max AWG 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 Conductor size (IEC) - Rigid cable min mm² 6 Mechanical life cycles 5x10° UL technical data cycles 5x10° Motor power for direct-on-line control for three-phase motor 120V HP 5 240V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5	Tightening torque for			AWG	1.2
MaxAWG10Conductor size (IEC) - Flexible cableminmm²1.5Maxmm²4Conductor size (IEC) - Rigid cableminmm²1.5Maxmm²6Mechanical lifecycles5x10°UL technical datacycles5x10°Motor power for direct-on-line control120VHP5240VHP10480VHP15for three-phase motor120VHP15for single-phase motor120VHP15for single-phase motor120VHP2240VHP5240VHP5500VHP15for single-phase motor120VHP2240VHP55	Tightening torque for	AWG - Rigid cable		AWG	1.2
Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 6 6 Mechanical life cycles 5x10 ⁶ UL technical data cycles 5x10 ⁶ Motor power for direct-on-line control for three-phase motor 120V HP 5 240V HP 10 480V HP 15 for single-phase motor for single-phase motor 120V HP 2 240V HP 15 5 5 5 for single-phase motor 120V HP 5 5 400V HP 15 5 5 5 for single-phase motor 120V HP 2 2 2 240V HP 5 5 5 5 5	Tightening torque for	AWG - Rigid cable	Max	AWG AWG	1.2 16 8
$\begin{tabular}{ c c c c } \hline min & mm^2 & 1.5 \\ \hline Max & mm^2 & 4 \\ \hline \end{tabular} \hline ta$	Tightening torque for	AWG - Rigid cable	Max min	AWG AWG AWG	1.2 16 8 16
Maxmm24Conductor size (IEC) - Rigid cableminmm21.5Maxmm26Maxmm26Maxmm25x10°UL technical dataMotor power for direct-on-line controlfor three-phase motor120VHP5240VHP10480VHP15600VHP15for single-phase motor120VHP2120VHP5240VHP555556480V4956480VHP565556490V495	Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min	AWG AWG AWG	1.2 16 8 16
Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 6 Mechanical life cycles 5x10 ⁶ UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 5 240V HP 10 480V HP 15 for single-phase motor 120V HP 15 for single-phase motor 120V HP 2 240V HP 15 5	Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max	AWG AWG AWG AWG	1.2 16 8 16 10
minmm²1.5Maxmm²6Mechanical lifecycles5x10°UL technical dataMotor power for direct-on-line control for three-phase motor120VHP5240VHP10480VHP15600VHP15for single-phase motor120VHP2240VHP5	Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG mm ²	1.2 16 8 16 10 1.5
Maxmm²6Mechanical lifecycles5x10°UL technical dataMotor power for direct-on-line control for three-phase motor120VHP5240VHP10480VHP15600VHP15for single-phase motor120VHP2240VHP5	Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min	AWG AWG AWG AWG mm ²	1.2 16 8 16 10 1.5
Mechanical life cycles 5x10 ⁶ UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 5 240V HP 10 480V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5 120V HP 5	Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm ² mm ²	1.2 16 8 16 10 1.5 4
UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 240V HP 240V HP 480V HP 600V HP 15 for single-phase motor 120V HP 15 600V HP 15 5 120V HP 15 5 5	Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm ² mm ²	1.2 16 8 16 10 1.5 4
UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 240V HP 240V HP 480V HP 600V HP 15 for single-phase motor 120V HP 15 50 120V HP 15 50	Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ²	1.2 16 8 16 10 1.5 4 1.5 6
Motor power for direct-on-line control for three-phase motor 120V HP 5 240V HP 10 480V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5	Tightening torque for t Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	1.2 16 8 16 10 1.5 4 1.5 6
for three-phase motor 120V HP 5 240V HP 10 480V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5 120V HP 5	Tightening torque for t 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 mm ² mm ² mm ²	1.2 16 8 16 10 1.5 4 1.5 6
120V HP 5 240V HP 10 480V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5	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	AWG AWG AWG AWG mm ² mm ² mm ²	1.2 16 8 16 10 1.5 4 1.5 6
240V HP 10 480V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5 5	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	AWG AWG AWG AWG mm ² mm ² mm ²	1.2 16 8 16 10 1.5 4 1.5 6
480V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5	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	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 4 1.5 6 5x10 ⁶
600V HP 15 for single-phase motor 120V HP 2 240V HP 5	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	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 4 1.5 6 5x10 ⁶
for single-phase motor 120V HP 2 240V HP 5	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 Max 120V 240V	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 4 1.5 4 1.5 6 5x10 ⁶ 5 10
120V HP 2 240V HP 5	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 120V 240V 480V	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10 15
240V HP 5	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 120V 240V 480V	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10 15
	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 120V 240V 480V 600V	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10 15 15
Ambient conditions	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 120V 240V 480V 600V 120V	AWG AWG AWG mm ² mm ² mm ² cycles HP HP HP HP HP	1.2 16 8 16 10 1.5 4 1.5 4 1.5 6 5x10 ⁶ 5 10 15 15 2
	Tightening torque for t Conductor size Mechanical life UL technical data Motor power for direct	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 480V 600V 120V	AWG AWG AWG mm ² mm ² mm ² cycles HP HP HP HP HP	1.2 16 8 16 10 1.5 4 1.5 4 1.5 6 5x10 ⁶ 5 10 15 15 2

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

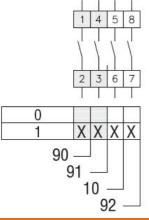


7GN3210P25 ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLE 32A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

Temperature

Operating temperature	
min	°C -25
max	°C +55
Storage temperature	
min	°C -40
max	°C +70
	C +70
Resistance & Protection	IDAE
Frontal IP degree	IP65
Terminals IP degree	IP00
Dimensions	
	Î
	0
	<u> </u>
	2
Series Enclosure size Number of elements Dimensions Cable Series L L1 A A1 C C1 D F M N L L1 entry	e 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 4xPG1	3.5 IP65
7GN25 1 2-3	
7GN12 90x90 1 - 3 4 - 6 7GN20 1 - 3 4 - 6	
7GN25 1-2 3-4 90 90 79 63 4.5 25 19 30 71.3 98.3 4xPG	16 IP65
7GN32 1-2 3-4 00 00 10 10 00 10 00 10 00 10 00 10 00 10 00 10 00 0	
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 4xPG/	21 IP65
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 55 22 21 69 942 1192 4xPG	
/GNb3 1-2 3-4 ZXPG	1
7GN125 1 2 7GN32 180x254 1 - 5 6 - 8	
	10
7GN40 1 - 4 5 - 7 180 254 120 190 5.5 32 35 76 121 175 4xPG/ 2xPG	

Wiring diagrams



Certifications and compliance Compliance

IEC/EN/BS 60947-1

7GN3210P25

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



7GN3210P25 ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLE 32A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

IEC/EN/BS 60947-3 IEC/EN/BS 60947-5-1 Certificates

ETIM classification

EAC

ETIM 8.0

EC001105 - Offload switch

7GN3210P25