

## **7GN2583U** ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 1 POLE 25A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam
Product type designation			switches 7GN25
General characteristics			101120
Switching diagram			83 - Multi-step 1- 2-3-4 1 pole
N° of elements			2
Mounting form			U - Front mounting 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			05
	IEC/EN UL/CSA	A	25 30
Rated operational voltage	UL/CSA	A V	480
Rated operational impulse voltage		kV	480
Maximum fuse size for short-circuit protection In (gG)		ΝV	+
Maximum ruse size for short circuit protection in (ge)	10kA	А	25
	15kA	A	25
	25kA	А	25
Rated short time current Icw			
	1s	kA	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		_	
		A	25
AC15	4401/	•	4.0
	110V 220/230V	A A	16 12
	380/400V	A	8
	660/690V	A	2
Rated operational power in AC	000,0001		-
Three-phase AC-3			
·	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
	380/440V	kW	5.5
Three-phase AC23A	220/2201/	1-1.1.1	6 5
	220/230V 380/440V	kW kW	6.5 11
	500/690V	kW	11
Single-phase AC23A	300/030 V	IX V V	11
Single plase A020A	110V	kW	1.5
	220/230V	kW	3.7
	ZZU/Z3UV		3.7

### Rated operational current in DC

7GN2583U



### **7GN2583U** ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 1 POLE 25A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

DC21A         48V         A         25           110V         A         4           220V         A         0.7           DC23A (poles in series)         24V         A         25 (1)           48V         A         25 (2)         60V         A         25 (2)           60V         A         25 (3)         110V         A         25 (2)           60V         A         25 (3)         110V         A         22 (3)           220V         A         0.4         25 (3)         60V         A         16 (4)           220V         A         0.4         20         60V         A         16 (4)           Power dissipation         W         1.1         1.1         1.1         1.1           Mechanical features         M         1.5         2.2         2.0         6.0         4.1           Conductor size         MWG         Rigid cable         Max         MMG         2.0         Max         MWG         12           Conductor size (IEC) - Flexible cable         min         MWG         2.0         Max         MWG         12           Velethed data         Conductor size (IEC) - Rigid cable         min					
Book         A         25           110V         A         0.7           DC23A (poles in series)         24.V         A         25 (1)           44V         A         25 (2)         60.V         A         25 (3)           110V         A         12 (3)         220.V         A         10 (4)           DC13         24.V         A         25         44.V         A         25           48.V         A         20.0         60.V         A         16         10.V         A         12 (3)           22.V         A         10 (4)         A         25         48.V         A         20.6         60.V         A         16         10.V         A         15         20.V         A         0.4         Power dissipation         W         1.1         Mechanical features         M         M.5         Tightening torque for terminals max         Nm         0.8         Conductor size         Conductor size         10         A         A         20         Max         A/VG         10         A         A         A         A         A         A         A         A         A         A         A         A         A         A		DC21A			
60V         A         25           110V         A         0.7           DC23A (poles in series)         24V         A         25 (1)           44V         A         25 (2)         60V         A         25 (3)           110V         A         25 (2)         60V         A         25 (3)           110V         A         12 (3)         220V         A         10 (4)           DC13         24V         A         25         48V         A         20           60V         A         15         10V         A         10         15           10V         A         0.4         Power dissipation         W         1.1         Mechanical features         Minitial screaw         M3.5         Tightening torque for terminals max         Nm         0.8         Conductor size         Conductor size         10         Minitial wide         10         Minitial wide         10         Minitial wide         10         Minitial wide         10 <td></td> <td></td> <td>48V</td> <td>А</td> <td>25</td>			48V	А	25
110V         A         4           220V         A         0.7           DC23A (poles in series)         24V         A         25 (1)           48V         A         25 (2)         60V         A         25 (2)           60V         A         25 (3)         110V         A         12 (3)           220V         A         10 (4)         20 (4)         A         25           0013         24V         A         25         48V         A         20           60V         A         16         110V         A         1.5         20V         A         16           110V         A         1.5         20V         A         0.4         20           Power dissipation         W         1.1         15         20V         A         0.4           Prover dissipation screw         M3.5         110V         A         1.5         20V         A         16           110V         A         0.8         10         A         20         A         20 <td< td=""><td></td><td></td><td>60V</td><td>А</td><td></td></td<>			60V	А	
Image: series         220V         A         0.7           DC23A (poles in series)         24V         A         25 (1)           48V         A         25 (3)           110V         A         12 (3)           220V         A         25 (3)           110V         A         12 (3)           220V         A         25 (3)           110V         A         12 (3)           220V         A         26           60V         A         16           110V         A         15           220V         A         0.4           Power dissipation         W         1.1           Mechanical features         W         1.1           Terminals screw         M3.5         110V           Tightening torgraph for terminals max         Nm         0.8           Conductor size         MWG - Rigid cable         Max           Mix         AWG 20         Max           AWG - Rigid cable         min         mm²           Conductor size (IEC) - Flexible cable         min         mm²           Uterchical ife         cycles         5010°           Max         mm²         1					
DC23A (poles in series)         24V         A         25 (1)           48V         A         25 (2)         60V         A         25 (2)           60V         A         25 (3)         110V         A         12 (3)           220V         A         10 (4)         0         0         0           DC13         24V         A         25         0					
48%         7         25 (1)           48%         7         25 (2)           60V         A         25 (3)           110V         A         12 (3)           220V         A         20           60V         A         25           48%         A         20           60V         A         16           110V         A         16           60V         A         16           110V         A         16           110V         A         16           110V         A         15           220V         A         0.4           Mochanical features         W         1.1           Mechanical features         W         3.5           Tightening torque for terminals max         Nm         0.8           Conductor size         MMG - Rigid cable         Max           Mechanical ife         W         20           Conductor size (IEC) - Flexible cable         mm         Mm           Max         mm <sup>2</sup> 0.5           Max         mm <sup>2</sup> 0.5           Max         mm <sup>2</sup> 0.5           Max         mm <sup>2</sup>		DC23A (poles in series)			
ABV         A         25 (2) 60V         A         25 (3) 110V         A         12 (3) 220V         A         10 (4)           DC13         24V         A         25         48V         A         20         60V         A         16           110V         A         15         20V         A         0.4         20         60V         A         16           110V         A         1.5         22V         A         0.4         20         60V         A         16           Hather dissipation         W         1.1         10V         A         0.4         20         60V         A         0.4         20         60V         A         16         10V         A         15         110V         A         0.4         20         60V         A         10         10         A         10         10         A         10			24\/	Δ	25 (1)
60V         A         25 (3) 110V           DC13         24V         A         20           60V         A         10 (4)           DC13         24V         A         20           60V         A         16         100           100V         A         15         20V           200V         A         0.4         15           200V         A         0.5         10           Mechanical features         Min         AWG         20           Mechanical screw         Min         AWG         20           Mex         AWG         10         AWG         20           AWG - Rigid cable         min         mm²         0.5           Conductor size (IEC) - Flexible cable         min         mm²         4           Mechanical life         c					
110V         A         12(3)           220V         A         10(4)           DC13         24V         A         25           48V         A         20         60V         A         16           110V         A         1.5         220V         A         0.4           Power dissipation         W         1.1         Mechanical features         W         1.1           Terminals screw         M3.5         Tightening torque for terminals max         Nm         0.8         Conductor size         AWG - Rigid cable         Max         AWG 20         Max         MWG 10           AWG - Flexible cable         min         AWG 20         Max         MWG 12         Max         MWG 12         Conductor size (IEC) - Flexible cable         min< mm² 0.5					
Image: constraint of the					
DC13         24V         A         25           48V         A         20           60V         A         16           110V         A         1.5           220V         A         0.4           Power dissipation         W         1.1           Mechanical features         W         1.1           Terminals screw         M3.5         Terminals screw           AWG - Rigid cable         Min         AWG           Max         AWG         10           AWG - Flexible cable         min         AWG           Max         AWG         12           Conductor size (IEC) - Flexible cable         min         mm*           Max         mm*         0.5           Max         mm*         4           Conductor size (IEC) - Rigid cable         min< mm*					
24/v         A         25           48/v         A         20           60/v         A         16           110/v         A         15           220/v         A         0.4           Power dissipation         W         1.1           Mechanical features         W         1.1           Terminals screw         M3.5         Tightening torque for terminals max         Nm         0.8           Conductor size         AWG - Rigid cable         min         AWG         20           AWG - Flexible cable         min         AWG         20           Max         AWG         10         AWG           AWG - Flexible cable         min         mmr <sup>2</sup> 0.5           Max         mmr <sup>2</sup> 0.5         Max         mmr <sup>2</sup> 4           Conductor size (IEC) - Flexible cable         min         mmr <sup>2</sup> 4         5           Mechanical life         colductor size (IEC) - Rigid cable         min         mmr <sup>2</sup> 4         5           UL technical data         rmm <sup>2</sup> 0.5         min         min         10         6           UL technical data         rmm <sup>2</sup> 1.5         240/v		DC13	2201		10 (4)
48V         A         20           60V         A         16           110V         A         1.5           220V         A         0.4           Power dissipation         W         1.1           Mechanical features         Min         0.8           Tightening torque for terminals max         Nn         0.8           Conductor size         AWG - Rigid cable         min         AWG         20           Max         AWG         10         AWG         10           AWG - Flexible cable         min         AWG         10           AWG - Flexible cable         min         AWG         12           Conductor size (IEC) - Flexible cable         min         nmm <sup>2</sup> 0.5           Max         mm <sup>2</sup> 4         0         12           Conductor size (IEC) - Rigid cable         min         mm <sup>2</sup> 4           Utechnical life         cycles         5x10*         12           Utechnical data         use         15         16           Motor power for direct-on-line control for three-phase motor         120V         HP         3           120V         HP         1.5         480V         14		5013	24\/	Δ	25
60V         A         16           110V         A         1.5           220V         A         0.4           Power dissipation         W         1.1           Mechanical features         W         1.1           Terminals screw         M3.5           Tightening torque for terminals max         Nm         0.8           Conductor size         AWG - Rigid cable         Min           AWG - Flexible cable         Min         AWG         20           AWG - Flexible cable         Min         AWG         12           Conductor size (IEC) - Flexible cable         Min         mm²         0.5           Max         mm²         0.5         Max         mm²         4           Conductor size (IEC) - Rigid cable         min         mm²         4         12           Mechanical life         could to mm²         Stol®         12         12           Motor power for direct-on-line control         for three-phase motor         Max         m²         14           Motor power for direct-on-line control         for single-phase motor         120V         HP         3           AMOV HP         10         600V         HP         15         240V         HP<					
110V         A         1.5           220V         A         0.4           Power dissipation         W         1.1           Mechanical features         W         1.1           Terminals screw         M3.5         1           Tightening torque for terminals max         Nm         0.8           Conductor size         AWG - Rigid cable         min           AWG - Flexible cable         min         AWG         20           AWG - Flexible cable         min         AWG         20           AWG - Flexible cable         min         AWG         12           Conductor size (IEC) - Flexible cable         min         mm²         0.5           Max         MWG         12         12         12           Conductor size (IEC) - Rigid cable         min         mm²         0.5           Max         mm²         0.5         12         12           Motor power for direct-on-line control         min         mm²         4           Motor power for direct-on-line control         for three-phase motor         120V         HP         5           Max         Max         m²         3         240V         HP         5           480V					
220V         A         0.4           Power dissipation         W         1.1           Mechanical features         M3.5           Tightening torque for terminals max         Nm         0.8           Conductor size         AWG - Rigid cable         Max         AWG         10           AWG - Flexible 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         12           Conductor size (IEC) - Rigid cable         mm²         0.5         mm²         12         12           Conductor size (IEC) - Rigid cable         mm²         0.5         mm²         12         12           Motor power for direct-on-line control         for three-phase motor         120V         HP         3         3           Motor power for direct-on-line control         for three-phase motor         120V         HP         3           Advov         HP         15         3         3         3           for single-phase motor         120V         HP         3					
Power dissipation         W         1.1           Mechanical features         M3.5           Terminals screw         M3.5           Conductor size         AWG - Rigid cable           Mechanical features         min           AWG - Rigid cable         min           AWG - Flexible cable         min           AWG - Flexible cable         min           Max         AWG           Conductor size (IEC) - Flexible cable         min           Max         mm²           Conductor size (IEC) - Rigid cable         min           Max         mm²           Conductor size (IEC) - Rigid cable         min           Max         mm²           Mechanical life         cycles           VL technical data         cycles           Motor power for direct-on-line control         for three-phase motor           120V         HP         3           240V         HP         5           480V         HP         10           600V         HP         15           for single-phase motor         120V         HP           120V         HP         3           240V         HP         3           240V					
Mechanical features         M3.5           Tightening torque for terminals max         Nm         0.8           Conductor size         AWG - Rigid cable         min         AWG 20           Max         AWG 20         Max         AWG 20           AWG - Rigid cable         min         AWG 20           AWG - Flexible cable         min         AWG 20           Max         AWG 10         AWG 10           AWG - Flexible cable         min         AWG 20           Max         AWG 12         Conductor size (IEC) - Flexible cable         min           Conductor size (IEC) - Flexible cable         min         mm² 4           Conductor size (IEC) - Rigid cable         min         mm² 4           Max         mm² 4         conductor size (IEC) - Rigid cable         store           UL technical life         cycles         5x10°           UL technical data         cycles         5x10°           Motor power for direct-on-line control for three-phase motor         120V         HP         3           Motor power for direct-on-line control for single-phase motor         120V         HP         15           for single-phase motor         120V         HP         3           Ambient conditions         tycle	Device disainstice		2200		
Terminals screw         M3.5           Tightening torque for terminals max         Nm         0.8           Conductor size         AWG - Rigid cable         min         AWG 20           MWG - Rigid cable         min         AWG 20           AWG - Flexible cable         min         AWG 20           MWG - Flexible cable         min         AWG 20           Max         AWG 10         AWG 20           AWG - Flexible cable         min         AWG 20           Max         mm <sup>2</sup> 0.5           Max         mm <sup>2</sup> 0.5           Max         mm <sup>2</sup> 0.5           Max         mm <sup>2</sup> 4           Conductor size (IEC) - Rigid cable         min         mm <sup>2</sup> Mechanical life         cycles         5x10*           UL technical data         mm <sup>2</sup> 4.0*           Motor power for direct-on-line control         for three-phase motor         120V         HP         3           120V         HP         15         5         480V         HP         15           for single-phase motor         120V         HP         3         240V         HP         3           Ambient conditions         c				VV	1.1
Tightening torque for terminals max         Nm         0.8           Conductor size         AWG - Rigid cable         min         AWG 20           Max         AWG 10         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         min         mm² 4         0.5         Max         mm² 4           Mechanical life         cycles         5x10*         0.5         Max         mm² 4           Motor power for direct-on-line control for three-phase motor         120V         HP         3         240V         HP         5           Max         480V         HP         10         600V         HP         15         5           for single-phase motor         120V         HP         1.5         240V         HP         3           Ambient conditions         120V         HP         1.5         240V         HP         3           Ambient conditions         120V         HP         3         3         3         3           Ambient conditions         max         <					M2 5
Conductor size         AWG - Rigid cable         min Max         AWG         20 Max           AWG - Flexible cable         min AWG         AWG         10           AWG - Flexible cable         min Max         AWG         20 Max           Conductor size (IEC) - Flexible cable         min Max         mm²         0.5 Max           Mechanical life         cycles         5x10°           UL technical data         mm²         4           Motor power for direct-on-line control for three-phase motor         120V         HP         3           480V         HP         10         600V         HP         15           for single-phase motor         120V         HP         3         4           Ambient conditions         r         120V         HP         3           Ambient conditions         r         120V         HP         3           Ambient conditions         r         r         240V         HP         3           Ambient conditions         r         r         r         240V         HP         3           Ambient conditions         r         r         r         r         r         r         r           Coperating temperature         min				Niss	
AWG - Rigid cable         min         AWG         20           Max         AWG         10           AWG - Flexible cable         min         AWG         20           Max         AWG         20         Max           Conductor size (IEC) - Flexible cable         min         mm²         0.5           Max         mm²         4         0.5           Conductor size (IEC) - Rigid cable         min         mm²         4           Conductor size (IEC) - Rigid cable         min         mm²         4           Mechanical life         cycles         5x10°         0.5           UL technical data         mm²         4         0.5           VL technical data         mm²         4         0.5           Motor power for direct-on-line control         cycles         5x10°         0.5           for three-phase motor         120V         HP         3         4           About conditions         120V         HP         1.5         480V         HP         10           for single-phase motor         120V         HP         3         4         5         4         5         5           for single-phase motor         120V         HP         <		erminais max		INM	0.8
$\begin{tabular}{ c c c c c } \hline min & AWG & 20 & & & & & & & & & & & & & & & & & $	Conductor size				
Max         AWG         10           AWG - Flexible cable         min         AWG         20           Max         AWG         12           Conductor size (IEC) - Flexible cable         min         mm²         0.5           Max         mm²         4         0.5           Conductor size (IEC) - Rigid cable         min         mm²         0.5           Max         mm²         4         0.5           Conductor size (IEC) - Rigid cable         min         mm²         0.5           Max         mm²         4         0.5           U         technical data         cycles         5x10°           U         technical data         technical data         technical data           Motor power for direct-on-line control         for three-phase motor         120V         HP         3           240V         HP         1.5         for single-phase motor         120V         HP         3           Ambient conditions <td></td> <td>AWG - Rigid cable</td> <td></td> <td></td> <td></td>		AWG - Rigid cable			
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         min         mm²         0.5           Max         mm²         4           Conductor size (IEC) - Rigid cable         min         mm²         0.5           Max         mm²         4         0.5           UL technical data         cycles         5x10°           UL technical data         cycles         5x10°           Motor power for direct-on-line control         120V         HP         3           240V         HP         5         480V         HP         1.5           for         for single-phase motor         120V         HP         1.5           Ambient conditions         c         -25         -25           Temperature </td <td></td> <td></td> <td></td> <td></td> <td></td>					
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$			Max	AWG	10
$\begin{tabular}{ c c c c c } \hline Max & AWG & 12 \\ \hline \hline Conductor size (IEC) - Flexible cable & & & & & \\ \hline min & mm^2 & 0.5 & & \\ \hline Max & mm^2 & 4 & & \\ \hline Conductor size (IEC) - Rigid cable & & & & & \\ \hline min & mm^2 & 4 & & & \\ \hline Mechanical life & & & & & & \\ \hline Mechanical life & & & & & & \\ \hline UL technical data & & & & & & \\ \hline UL technical data & & & & & & \\ \hline Motor power for direct-on-line control & & & & & \\ \hline Motor power for direct-on-line control & & & & & \\ \hline for three-phase motor & & & & & \\ \hline for three-phase motor & & & & & \\ \hline for single-phase motor & & &$		AWG - Flexible cable	_		
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$					
$\begin{array}{c c c c c c } & & & & & & & & & & & & & & & & & & &$			Max	AWG	12
Max         mm2         4           Conductor size (IEC) - Rigid cable         min         mm2         0.5           Max         mm2         4           Mechanical life         cycles         5x10°           UL technical data         cycles         5x10°           UL technical data         cycles         5x10°           UL technical data         rm2         4           Motor power for direct-on-line control         rm2         5           for three-phase motor         120V         HP         3           240V         HP         10         600V         HP         15           for single-phase motor         rm3         120V         HP         15           for single-phase motor         rm3         240V         HP         3           Ambient conditions         rm4         rm4         rm4           for single-phase motor         rm4         rm4 <td></td> <td>Conductor size (IEC) - Flexible cable</td> <td></td> <td></td> <td></td>		Conductor size (IEC) - Flexible cable			
$\begin{tabular}{ c c c c c c } \hline Conductor size (IEC) - Rigid cable & min mm^2 0.5 & Max mm^2 4 & & & & & & & & & & & & & & & & & & $					
min         mm²         0.5           Max         mm²         4           Mechanical life         cycles         5x10°           UL technical data			Max	mm²	4
Maxmm²4Mechanical lifecycles5x10°UL technical dataMotor power for direct-on-line control for three-phase motor120VHP3240VHP5480VHP10600VHP10600VHP15for single-phase motor120VHP1for single-phase motor120VHP10for single-phase motor120VHP1.5for single-phase motorTemperaturemin°C-25max°C-25Storage temperaturemin°C-25Storage temperaturemin°C-40max°C+70		Conductor size (IEC) - Rigid cable			
Mechanical life       cycles       5x10 <sup>6</sup> UL technical data       Motor power for direct-on-line control for three-phase motor       120V       HP       3         Motor power for direct-on-line control for three-phase motor       120V       HP       3       240V       HP       5         480V       HP       10       600V       HP       15       6         for single-phase motor       120V       HP       1.5       240V       HP       3         Ambient conditions       120V       HP       1.5       240V       HP       3         Ambient conditions       120V       HP       1.5       240V       HP       3         Coperating temperature       min       °C       -25       7       7         Storage temperature       min       °C       -25       7       7					
UL technical data           Motor power for direct-on-line control for three-phase motor           120V         HP         3           240V         HP         5           480V         HP         10           600V         HP         15           for single-phase motor         120V         HP         1.5           240V         HP         3         240V         HP         3           Ambient conditions         120V         HP         3         3           Ambient conditions         120V         HP         3           Temperature         0perating temperature         min         °C         -25           max         °C         +55         5         5           Storage temperature         min         °C         -40           max         °C         +70         -40			Max	mm²	
Motor power for direct-on-line control for three-phase motor         120V         HP         3           120V         HP         3         240V         HP         5           480V         HP         10         600V         HP         15           for single-phase motor         120V         HP         1.5         240V         HP         3           Ambient conditions         120V         HP         3         3         3           Ambient conditions         5         5         5         5         5           Storage temperature         min         °C         -25         -25           max         °C         +55         5         5				cycles	5x10 <sup>6</sup>
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	UL technical data				
120V       HP       3         240V       HP       5         480V       HP       10         600V       HP       15         for single-phase motor         120V       HP       1.5         240V       HP       3         Ambient conditions         Temperature         Min       °C         Operating temperature         Min       °C         Storage temperature         min       °C         Min </td <td>Motor power for direct</td> <td>-on-line control</td> <td></td> <td></td> <td></td>	Motor power for direct	-on-line control			
240V         HP         5           480V         HP         10           600V         HP         15           for single-phase motor         120V         HP         1.5           240V         HP         3         3           Ambient conditions		for three-phase motor			
480V         HP         10           600V         HP         15           for single-phase motor         120V         HP         1.5           240V         HP         3           Ambient conditions         5         5           Temperature         min         °C         -25           max         °C         +55           Storage temperature         min         °C         -40           max         °C         +70					
600VHP15for single-phase motor120VHP1.5120VHP33Ambient conditionsTemperatureOperating temperaturemin°C-25max°C+55Storage temperaturemin°C-40max°C+70				HP	5
for single-phase motor $120V  HP  1.5 240V  HP  3$ Ambient conditions Temperature Operating temperature $ \begin{array}{ccccccccccccccccccccccccccccccccccc$			480V	HP	10
120V       HP       1.5         240V       HP       3         Ambient conditions			600V	HP	15
240V       HP       3         Ambient conditions		for single-phase motor			
Ambient conditions         Temperature         Operating temperature         min       °C         max       °C         Storage temperature         min       °C         min       °C         storage temperature         min       °C         max       °C         +55			120V	HP	1.5
Temperature       Min       °C       -25         max       °C       +55         Storage temperature       min       °C       -40         max       °C       +70			240V	HP	3
Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70	Ambient conditions				
Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70	Temperature				
min         °C         -25           max         °C         +55           Storage temperature         min         °C         -40           max         °C         +70		Operating temperature			
Storage temperature min °C -40 max °C +70			min	°C	-25
Storage temperature min °C -40 max °C +70			max	°C	+55
min °C -40 max °C +70		Storage temperature			
max °C +70			min	°C	-40
		on			

7GN2583U



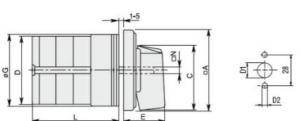
#### ENERGY AND AUTOMATION

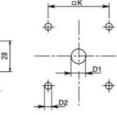
## **7GN2583U** ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 1 POLE 25A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

### Frontal IP degree





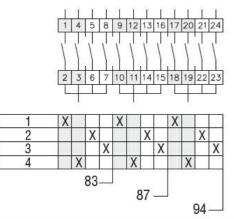




Standard drillings for 7GN125. Drillings on request for 4 screws fixing (4V version).

Series	Dimensions						L Number of elements														
Series	ΠA	С	ØD	ØD1	ØD2	Е	ØG	□K	ΠN	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN20	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN25	48	39.5	43	12	5	26.5	38	36	6	40.5	54.1	67.7	81.3	94.9	108.5	122.1	135.7	147.3	162.9	176.5	190.1
7GN32	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN40	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN63	65	53	62	14	5	34.5	58.5	48	7	50.3	68.4	86.5	104.6	122.7	140.8	158.9	177	195.1	213.2	231.3	249.4
7GN125	90	70.5	86	16	6	41.5	84	68	9	67.3	96.4	125.5	154.6	183.7	220.3	249.4	278.5	307.6	336.7	365.8	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		
	cCSAus	
	EAC	
	UL	
ETIM classification		
ETIM 8.0		EC001029 - Selector switch, complete