

# **7GN1267U** ROTARY CAM SWITCH 7GN SERIES, VOLTMETER SWITCH FOR PHASE-PHASE VOLTAGES 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM



Product designation			Rotary cam
ů –			switches
Product type designation			7GN12
General characteristics			
Switching diagram			67 - Voltmeter switch for phase-
Switching diagram			phase voltages
N° of elements			2
			U - Front
Mounting form			mounting with
			black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Detections des with stand velters al lines	UL/CSA	V	600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		kV	6
Conventional free air thermal current ith	IEC/EN	А	16
	UL/CSA	A	15
Rated operational voltage	00/03A		480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		ιτν	
	10kA	А	16
	15kA	A	10
	25kA	А	10
Rated short time current Icw			
	1s	kA	200
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	16
AC15			
	110V	A	10
	220/230V	A	8
	380/400V	A	4
Dated anarational neuror in AC	660/690V	A	1.5
Rated operational power in AC Three-phase AC-3			
miee-phase AC-3	220/230V	kW	2.5
	380/440V	kW	4
	500/690V	kW	5.5
Single-phase AC-3			
	110V	kW	0.8
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23A	300/440 V	KVV	2.2

Three-phase AC23A

7GN1267U



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220/230V    KW    3      380/440V    KW    5.5      Single-phase AC23A    110V    KW    0.8      220/230V    KW    1.7    3      Rated operational current in DC    0C21A    48V    A    12      DC21A    48V    A    12    10/V    A      2002 30V    KW    3    220/230V    KW    3      DC21A    48V    A    12    10/V    A    4      2007    A    0.6    440V    A    0.25    0.6    440V    A    0.25    0.25    0.23    24V    A    10 (1)    44V    A    0.25    0.23    24V    A    10 (2)    60V    A    8.2    110V    A    5.6    0.22    0.24    8.4    10    6.0V    A    8.1    10V    A    1.2    24V    A    10    20V    A    0.4    20V    A    0.4    20V    A    1.4 <th></th> <th></th> <th></th> <th></th> <th></th>					
500/690V    kW    7.5      Single-phase AC23A    110V    kW    0.8      220/230V    kW    1.7    380/440V    kW    3.8      Rated operational current in DC    DC21A    48V    A    12    60V    A    12      60V    A    12    10V    A    4    220/230V    KW    A    12      60V    A    12    10V    A    4    220V    A    0.6      440V    A    10(2)    60V    A    10(2)    60V    A    10(2)      60V    A    10(2)    60V    A    12    44V    A    10(2)      60V    A    12    44V    A    10    60V    A    12      60V    A    12    44V    A    12    44V    A    10    60V    A    12    44V    A    12    44V    A    12    44V    A    12 <td< td=""><td></td><td></td><td>220/230V</td><td>kW</td><td>3</td></td<>			220/230V	kW	3
Single-phase AC23A    110V    kW    0.8      220/230V    kW    1.7    380/40V    3      Rated operational current in DC    DC21A    48V    A    12      60V    A    12    60V    A    12      10V    A    0.6    440V    A    0.6      DC23A (poles in series)    24V    A    10 (2)    60V    A    10 (2)      DC13    24V    A    10 (2)    60V    A    16 (2)      DC13    24V    A    10 (2)    60V    A    8      DC13    24V    A    12    48V    A    10      Power dissipation    W    0.8    440V    A    0.15      Power dissipation is srew    M3    110V    A    8    110V    A    12      Conductor size    MVG - Rigid cable    Mia    AVIG    12    48V    A    10      Conductor size (IEC) - Flexible cable    min    MVG			380/440V	kW	5.5
110V    KW    0.8      220/230V    KW    1.7      380/440V    KW    3      Rated operational current in DC    0.211    48V    A    12      60V    A    12    100V    A    4      2202    A    0.6    2000    A    0.25      DC23A (poles in series)    24V    A    10 (1)    48V    A    10 (2)      60V    A    10 (3)    110V    A    5 (3)    24V    A    10 (3)      DC13    24V    A    10 (3)    110V    A    12      DC13    24V    A    10    60V    A    8      DC13    24V    A    10    60V    A    8      110V    A    1    220V    A    0.4      Mechanical fostures    7    7    7    7      Terminals screw    M3    10    7    7    7      Conductor size <t< td=""><td></td><td></td><td>500/690V</td><td>kW</td><td>7.5</td></t<>			500/690V	kW	7.5
220/230V    kW    1.7      380/440V    kW    3      Rated operational current in DC    DC21A    48V    A    12      60V    A    12    60V    A    12      100V    A    0.6    440V    A    0.6      DC23A (poles in series)    24V    A    10 (1)    48V    A    10 (2)      00V    A    10 (2)    60V    A    10 (2)    60V    A    10 (3)      110V    A    5 (3)    220V    A    10    60V    A    8      DC13    24V    A    12    48V    A    10    60V    A    8      110V    A    1    220V    A    0.4    440V    A    0.5      Power dissipation    W    0.8    Mechanical features    Max    Max    12      Terminals screw    M3    10    140V    A    12    140V      Conductor size		Single-phase AC23A			
380/440V    kW    3      Rated operational current in DC    U    U      DC21A    48V    A    12      60V    A    12    110V    A    4      220V    A    0.6    440V    A    0.25      DC23A (poles in series)    24V    A    10 (1)    48V    A    10 (2)      60V    A    10 (2)    60V    A    10 (3)    110V    A    5 (3)      DC13    24V    A    10    60V    A    8    10      60V    A    10    60V    A    10    60V    A    10      60V    A    10    60V    A    10    60V    A    10      60V    A    1    220V    A    0.4    48V    A    10      60V    A    1    220V    A    0.4    48V    A    10      fortinot size    MG    Rigid cable			110V	kW	0.8
Rated operational current in DC    48V    A    12      60V    A    12      110V    A    4      220V    A    0.6      440V    A    0.25      DC23A (poles in series)    24V    A    10 (1)      48V    A    10 (2)    60V    A    10 (2)      60V    A    10 (3)    110V    A    5 (3)      220V    A    5 (4)    20V    A    5 (4)      DC13    24V    A    12    48V    A    10 (2)      60V    A    5 (3)    220V    A    5 (4)      DC13    24V    A    12    48V    A    10 (2)      For an and an and an			220/230V	kW	1.7
DC21A    48V    A    12      60V    A    12      110V    A    4      220V    A    0.6      440V    A    10(1)      48V    A    10(2)      60V    A    10(2)      60V    A    10(3)      10V    A    5(3)      220V    A    5(4)      DC13    24V    A    12      48V    A    10    60V    A      60V    A    12    48V    A    12      60V    A    12    48V    A    10      60V    A    12    48V    A    12      48V    A    12    48V    A    12      48V    A    12    48V    A    12      48V    A    0.5    5    5    5      Conductor size    MMG - Rigid cable    min    MMZ    20    Max			380/440V	kW	3
48v    A    12      60v    A    12      110v    A    4      220v    A    0.6      440v    A    0.25      DC23A (poles in series)    24v    A    10 (1)      48v    A    10 (2)    60v    A    10 (3)      110v    A    5 (3)    22vv    A    5 (4)      DC13    24v    A    12    48v    A    10 (2)      60v    A    12    48v    A    10 (2)    60v    A    12      48v    A    12    48v    A    10    60v    A    1      220v    A    0.4    1    220v    A    0.4    1      220v    A    0.4    0.15    1    20v    A    0.5      Conductor size    MWG - Rigid cable    min    AWG    20    Awx    14      Conductor size (IEC) - Flexible cable    min    AWG	Rated operational cur	rent in DC			
60V    A    12      110V    A    4      220V    A    0.6      440V    A    10(1)      48V    A    10(2)      60V    A    10(3)      110V    A    5 (3)      220V    A    5 (4)      DC13    24V    A    10      60V    A    10    3      110V    A    5 (3)    220V    A      220V    A    5 (4)    2      220V    A    10    60V    A      60V    A    10    60V    A      60V    A    10    60V    A      44V    A    10    60V    A      120V    A    0.4    40V    A      440V    A    0.5    12      Mechanical features    M3    11    12      440V    A    0.5    12    14      Conductor		DC21A			
110V    A    4      220V    A    0.6      440V    A    0.25      DC23A (poles in series)    24V    A    10 (1)      48V    A    10 (2)    60V    A    10 (2)      60V    A    10 (2)    60V    A    10 (3)      110V    A    5 (3)    220V    A    5 (4)      DC13    24V    A    12    48V    A    10      0C13    24V    A    12    48V    A    10      0C13    24V    A    12    48V    A    10      0C0V    A    8    110V    A    1    220V    A    0.4      440V    A    0.15    0.15    0.15    0.15    0.15    0.15    0.15    0.15    0.15    0.15    0.15    0.15    0.15    0.15    0.15    0.15    0.15    0.16    0.15    0.16    0.15    0.16    0.16 <td></td> <td></td> <td>48V</td> <td>А</td> <td>12</td>			48V	А	12
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			60V	А	12
440V    A    0.25      DC23A (poles in series)    24V    A    10 (1)      48V    A    10 (2)    60V    A    10 (3)      110V    A    5 (3)    220V    A    5 (3)      220V    A    5 (3)    220V    A    5 (4)      DC13    24V    A    12    48V    A    10      60V    A    8    110V    A    1    220V    A    1      70000    A    0.15    7    7    7    7    7      Power dissipation    W    0.8    7 <td></td> <td></td> <td>110V</td> <td>А</td> <td>4</td>			110V	А	4
DC23A (poles in series)    24V    A    10 (1)      48V    A    10 (2)    60V    A    10 (3)      110V    A    5 (3)    220V    A    5 (4)      DC13    24V    A    12    48V    A    10      60V    A    12    48V    A    10    60V    A    8      24V    A    12    48V    A    10    60V    A    8      10V    A    0.4    48V    A    0.6    60V    A    8    110V    A    0.5    500    60V    A    8    110V    A    0.5    500			220V	А	0.6
24V    A    10 (1)      48V    A    10 (2)      60V    A    5 (3)      220V    A    5 (4)      DC13    24V    A    12      48V    A    10    60V      60V    A    5 (3)    220V      24V    A    12    48V      48V    A    10    60V      60V    A    8    110V      48V    A    10    60V      60V    A    8    110V      48V    A    0.4    44V      40V    A    0.5    1      200V    A    0.4    44V      40V    A    0.5    1      Conductor size    Mm    0.5    1      AWG - Rigid cable    min    AWG    12      AWG - Flexible cable    min    mm²    0.5      Conductor size (IEC) - Flexible cable    min    mm²    0.5      Ma			440V	А	0.25
48V    A    10 (2)      60V    A    10 (3)      110V    A    5 (3)      220V    A    5 (4)      DC13    24V    A    10      60V    A    8    10      60V    A    8    10      60V    A    8    110V      70V    A    1    220V      220V    A    0.4      48V    A    0.1      220V    A    0.4      480V    A    0.1      220V    A    0.4      440V    A    0.15      Power dissipation    W    0.8      Mechanical features    W    0.8      Tightening torque for terminals max    Nm    0.5      Conductor size    Max    AWG    12      AWG - Rigid cable    min    mm²    0.5      Conductor size (IEC) - Flexible cable    min    mm²    2.5      Conductor size (IEC) - Rigid cable <td></td> <td>DC23A (poles in series)</td> <td></td> <td></td> <td></td>		DC23A (poles in series)			
60V    A    10 (3)      110V    A    5 (3)      220V    A    5 (4)      DC13    24V    A    12      48V    A    10    60V    A    8      110V    A    10    60V    A    8      110V    A    10    60V    A    8      110V    A    1.1    220V    A    0.4      48V    A    0.0    A    0.15      Power dissipation    W    0.8    Mechanical features    M    0.5      Tightening torque for terminals max    Nm    0.5    M    M    12      AWG - Rigid cable    min    AWG    12    M    M    12      AWG - Flexible cable    min    Mm    0.5    Max    M    14      Conductor size (IEC) - Flexible cable    min    mm²    2.5    Max    M    2.5    Max    M    2.5    Max    14    12    <			24V	А	10 (1)
110V    A    5 (3)      220V    A    5 (4)      DC13    24V    A    12      48V    A    10    60V    A    8      110V    A    1    220V    A    0.4      48V    A    10    60V    A    8      110V    A    0.4    440V    A    0.15      Power dissipation    W    0.8    0.4    440V    A    0.15      Mechanical features    W    0.8    0.5    0.5    0.5    0.5      Conductor size    AWG - Rigid cable    Min    AWG    20    0.4    0.5			48V	А	10 (2)
110V    A    5 (3)      DC13    24V    A    12      48V    A    10    60V    A    8      110V    A    1    220V    A    0.4      48V    A    1    220V    A    0.4      480V    A    0.4    1    220V    A    0.4      20V    A    0.4    0.4    0.4    0.4    0.4      440V    A    0.15    0.4    0.4    0.5    0.			60V	А	
Image: second			110V	А	
DC13    24V    A    12      48V    A    10      60V    A    8      110V    A    1      220V    A    0.4      440V    A    0.15      Power dissipation    W    0.8      Mechanical features    M3      Trightening torque for terminals max    Nm    0.5      Conductor size    AWG - Rigid cable    M3      AWG - Flexible cable    min    AWG    12      AWG - Flexible cable    min    AWG    14      Conductor size (IEC) - Flexible cable    min    mm²    0.5      Max    MWG    14    12    14      Conductor size (IEC) - Flexible cable    min    mm²    0.5      Max    mm²    0.5    14      Conductor size (IEC) - Rigid cable    min    mm²    0.5      Max    mm²    0.5    14    15      UL technical life    cycles    3x10°    12      Mator power for direc			220V	А	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		DC13			
60V    A    8      110V    A    1      220V    A    0.4      440V    A    0.15      Power dissipation    W    0.8      Mechanical features    M3      Terminals screw    M3      Tightening torque for terminals max    Nm    0.5      Conductor size    AWG - Rigid cable    Max      MWG - Flexible cable    min    AWG    12      AWG - Flexible cable    min    AWG    20      Max    AWG    14    Conductor size (IEC) - Flexible cable    min    mm²    0.5      Max    mm²    2.5    Conductor size (IEC) - Rigid cable    min    mm²    0.5      Max    mm²    2.5    Conductor size (IEC) - Rigid cable    min    mm²    2.5      Mechanical life    cycles    3x10*    UL technical data    state    1.5      UL technical data    120V    HP    1.5    240V    HP    3      for single-phase motor    120V			24V	А	12
60V    A    8      110V    A    1      220V    A    0.4      440V    A    0.15      Power dissipation    W    0.8      Mechanical features    M3      Terminals screw    M3      Tightening torque for terminals max    Nm    0.5      Conductor size    AWG - Rigid cable    Max      MWG - Flexible cable    min    AWG    12      AWG - Flexible cable    min    mm²    2.5      Conductor size (IEC) - Flexible cable    min    mm²    2.5      Max    mm²    2.5    5      Conductor size (IEC) - Rigid cable    min    mm²    2.5      Max    mm²    2.5    5      Mechanical life    cycles    3x10°    5      UL technical data    120V    HP    1.5      240V    HP    3    5    5      for single-phase motor    120V    HP    0.5      240V    HP    1			48V	А	10
$\begin{tabular}{ c c c c c } & 110V & A & 1 \\ & 220V & A & 0.4 \\ & 440V & A & 0.15 \\ \hline Power dissipation & W & 0.8 \\ \hline Mechanical features & & W & 0.8 \\ \hline Mechanical features & & W & 0.8 \\ \hline Mechanical features & & W & 0.8 \\ \hline Tightening torque for terminals max & Nm & 0.5 \\ \hline Conductor size & & & & & & & & & \\ \hline Conductor size & & & & & & & & & \\ \hline AWG - Rigid cable & & & & & & & & & \\ \hline & & & & & & & & &$			60V	А	
440V    A    0.15      Power dissipation    W    0.8      Mechanical features    M3      Terminals screw    M3      Tightening torque for terminals max    Nm    0.5      Conductor size    AWG - Rigid cable    min    AWG    20      AWG - Flexible cable    min    AWG    20      AWG - Flexible cable    min    AWG    20      AWG - Flexible cable    min    AWG    20      Max    AWG    14    20      Conductor size (IEC) - Flexible cable    min    mm²    2.5      Conductor size (IEC) - Rigid cable    min    mm²    2.5      Max    mm²    2.5    Max    mm²    2.5      Conductor size (IEC) - Rigid cable    min    mm²    2.5    Max    mm²    2.5      Mechanical life    cycles    3x10*    UL    UL    UL    1.5    2.5      Motor power for direct-on-line control    for single-phase motor    120V    HP    1.5			110V	А	
Power dissipation    W    0.8      Mechanical features    M3      Tightening torque for terminals max    Nm    0.5      Conductor size    AWG - Rigid cable    min    AWG    12      AWG - Flexible cable    Min    AWG    12      AWG - Flexible cable    min    AWG    20      Max    AWG    14    14      Conductor size (IEC) - Flexible cable    min    mm²    0.5      Max    MWG    14    14      Conductor size (IEC) - Flexible cable    min    mm²    0.5      Max    Mm²    2.5    14      Conductor size (IEC) - Rigid cable    min    mm²    2.5      Mechanical life    cycles    3x10°    12      UL technical data    utechnical data    120V    HP    1.5      Motor power for direct-on-line control    for single-phase motor    120V    HP    1.5      240V    HP    1.5    240V    HP    1			220V	А	0.4
Machanical features      Terminals screw    M3      Tightening torque for terminals max    Nm    0.5      Conductor size    AWG - Rigid cable    min    AWG    20      AWG - Rigid cable    Max    AWG    12      AWG - Flexible cable    min    AWG    20      AWG - Flexible cable    Max    AWG    12      AWG - Flexible cable    min    AWG    20      Max    AWG    12    Max    AWG    12      AWG - Flexible cable    min    AWG    12    Max    MUG    12      Conductor size (IEC) - Flexible cable    min    mm²    0.5    Max    mm²    2.5      Conductor size (IEC) - Rigid cable    min    mm²    0.5    Max    mm²    2.5      Mechanical life    cycles    3x10°    U    U    etchnical data    mm²    0.5      Motor power for direct-on-line control    for three-phase motor    120V    HP    1.5      240V    HP    3			440V	А	0.15
Mechanical features    M3      Terminals screw    M3      Tightening torque for terminals max    Nm    0.5      Conductor size    AWG - Rigid cable    min    AWG    20      Max    AWG    12    Max    AWG    12      AWG - Flexible cable    min    AWG    20    Max    AWG    12      AWG - Flexible cable    min    AWG    14    Max    AWG    14      Conductor size (IEC) - Flexible cable    min    mm²    0.5    Max    mm²    2.5      Conductor size (IEC) - Rigid cable    min    mm²    2.5      2.5 <td< td=""><td>Power dissipation</td><td></td><td></td><td>W</td><td>0.8</td></td<>	Power dissipation			W	0.8
Tightening torque for terminals max  Nm  0.5    Conductor size  AWG - Rigid cable  min  AWG  20    AWG - Rigid cable  Min  AWG  20    AWG - Flexible cable  min  AWG  20    Max  AWG  12    AWG - Flexible cable  min  AWG  20    Max  AWG  14  0    Conductor size (IEC) - Flexible cable  min  mm²  0.5    Max  mm²  2.5  0 <td< td=""><td>Mechanical features</td><td></td><td></td><td></td><td></td></td<>	Mechanical features				
Conductor size  AWG - Rigid cable    min  AWG  20    Max  AWG  12    AWG - Flexible cable  min  AWG    min  AWG  20    Max  AWG  14    Conductor size (IEC) - Flexible cable  min  mm²    Max  mm²  2.5    Conductor size (IEC) - Rigid cable  min  mm²    Max  mm²  2.5    Conductor size (IEC) - Rigid cable  min  mm²    Max  mm²  2.5    Conductor size (IEC) - Rigid cable  min  mm²    Max  mm²  2.5    Conductor size (IEC) - Rigid cable  min  mm²    VL technical life  cycles  3x10°    UL technical data  response  response    Motor power for direct-on-line control  response  response    for single-phase motor  120V  HP  1.5    240V  HP  3  response    for single-phase motor  120V  HP  0.5    240V  HP  1	Terminals screw				M3
Conductor size  AWG - Rigid cable    min  AWG  20    Max  AWG  12    AWG - Flexible cable  min  AWG    min  AWG  20    Max  AWG  14    Conductor size (IEC) - Flexible cable  min  mm²    Max  mm²  2.5    Conductor size (IEC) - Rigid cable  min  mm²    Max  mm²  2.5    Conductor size (IEC) - Rigid cable  min  mm²    Max  mm²  2.5    Conductor size (IEC) - Rigid cable  min  mm²    Max  mm²  2.5    Conductor size (IEC) - Rigid cable  min  mm²    VL technical life  cycles  3x10°    UL technical data  response  response    Motor power for direct-on-line control  response  response    for single-phase motor  120V  HP  1.5    240V  HP  3  response    for single-phase motor  120V  HP  0.5    240V  HP  1	Tightening torque for	terminals max		Nm	0.5
min  AWG  20    Max  AWG  12    AWG - Flexible cable  min  AWG  20    Max  AWG  14    Conductor size (IEC) - Flexible cable  min  mm²  0.5    Max  mm²  2.5    Conductor size (IEC) - Rigid cable  min  mm²  0.5    Max  mm²  2.5    Conductor size (IEC) - Rigid cable  min  mm²  0.5    Max  mm²  0.5  Max  mm²  2.5    Conductor size (IEC) - Rigid cable  min  mm²  0.5  12    Max  mm²  0.5  12  12  12  12    UL technical data  rmm²  0.5  12  12  12  12    Motor power for direct-on-line control  rmm²  1.5  240V  HP  1.5    240V  HP  3  12  12  12  12  12					
MaxAWG12AWG - Flexible cableminAWG20MaxAWG14Conductor size (IEC) - Flexible cableminmm²0.5Maxmm²2.5Conductor size (IEC) - Rigid cableminmm²2.5Conductor size (IEC) - Rigid cableminmm²2.5Maxmm²2.53x10°14UL technical lifecycles3x10°14UL technical datatt15Motor power for direct-on-line control for three-phase motor120VHP1.5120VHP31214for single-phase motor120VHP1.5240VHP11214		AWG - Rigid cable			
AWG - Flexible cable  min  AWG  20    Max  AWG  14    Conductor size (IEC) - Flexible cable  min  mm²  0.5    Max  mm²  2.5    Conductor size (IEC) - Rigid cable  min  mm²  0.5    Max  mm²  2.5    Conductor size (IEC) - Rigid cable  min  mm²  2.5    Mechanical life  cycles  3x10°    UL technical data  reception  state <ttr>  Motor power for direct-on-line control  for three-phase motor    120V  HP  1.5    240V  HP  3    for single-phase motor  120V  HP  0.5    240V  HP  1  1</ttr>		, , , , , , , , , , , , , , , , , , ,	min	AWG	20
min MaxAWG AWG20 14Conductor size (IEC) - Flexible cablemin mm²nm² 2.5Maxmm² mm²2.5Conductor size (IEC) - Rigid cablemin mm² 2.5mm² 2.5Mechanical lifecycles 3x10°UL technical datacycles 3x10°Motor power for direct-on-line control for three-phase motor120V 240VHP 3120V for single-phase motor120V 4HP 3HP 1.5 240V			Max	AWG	12
min MaxAWG AWG20 14Conductor size (IEC) - Flexible cablemin mm²nm² 2.5Maxmm² mm²2.5Conductor size (IEC) - Rigid cablemin mm² 2.5mm² 2.5Mechanical lifecycles 3x10°UL technical datacycles 3x10°Motor power for direct-on-line control for three-phase motor120V 240VHP 3120V for single-phase motor120V 4HP 3HP 1.5 240V		AWG - Flexible cable			
MaxAWG14Conductor size (IEC) - Flexible cableminmm²0.5Maxmm²2.5Conductor size (IEC) - Rigid cableminmm²2.5Maxmm²2.53x10°UL technical datavycles3x10°UL technical datavycles3x10°Motor power for direct-on-line control for three-phase motor120VHP1.5240VHP3120VHP1.5240VHP1120VHP1			min	AWG	20
Conductor size (IEC) - Flexible cable  min  mm²  0.5    Max  mm²  2.5    Conductor size (IEC) - Rigid cable  min  mm²  0.5    Max  mm²  2.5    Mechanical life  cycles  3x10°    UL technical data  uteration  uteration    Motor power for direct-on-line control for three-phase motor  120V  HP  1.5    240V  HP  3  for single-phase motor  120V  HP  0.5    120V  HP  0.5  240V  HP  1					
min    mm²    0.5      Max    mm²    2.5      Conductor size (IEC) - Rigid cable    min    mm²    0.5      Max    mm²    2.5      Mechanical life    cycles    3x10°      UL technical data    cycles    3x10°      Motor power for direct-on-line control for three-phase motor    120V    HP    1.5      240V    HP    3    120V    HP    3      for single-phase motor    120V    HP    0.5      240V    HP    1    120V    HP    1		Conductor size (IEC) - Flexible cable			
Maxmm22.5Conductor size (IEC) - Rigid cableminmm20.5Maxmm22.5Maxmm22.5Mechanical lifecycles3x10°UL technical dataUL technical dataMotor power for direct-on-line control for three-phase motor120VHP1.5240VHP3for single-phase motor120VHP0.5240VHP1			min	mm²	0.5
Conductor size (IEC) - Rigid cable  min  mm²  0.5    Max  mm²  2.5    Mechanical life  cycles  3x10 <sup>6</sup> UL technical data  understand  understand    Motor power for direct-on-line control  120V  HP  1.5    240V  HP  3  100    for single-phase motor  120V  HP  0.5    120V  HP  1  120V  HP  1					
minmm²0.5Maxmm²2.5Mechanical lifecycles3x10°UL technical datauuuuuuuuuuuuuuuuuuuuuuuuuuuuuuuuu		Conductor size (IEC) - Rigid cable			
Maxmm²2.5Mechanical lifecycles3x10°UL technical datauuuuuuuuuuuuuuuuuuuuuuuuuuuuuuuuu			min	mm²	0.5
Mechanical life  cycles  3x10 <sup>6</sup> UL technical data					
UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 1.5 240V HP 3 for single-phase motor 120V HP 0.5 240V HP 1	Mechanical life				
Motor power for direct-on-line control for three-phase motor $\begin{array}{c c} 120V & HP & 1.5\\ 240V & HP & 3\\ \hline for single-phase motor\\ 120V & HP & 0.5\\ 240V & HP & 1\\ \end{array}$					
for three-phase motor  120V  HP  1.5    240V  HP  3    for single-phase motor  120V  HP  0.5    240V  HP  1		t-on-line control			
120V  HP  1.5    240V  HP  3    for single-phase motor  120V  HP  0.5    240V  HP  1					
240V    HP    3      for single-phase motor    120V    HP    0.5      240V    HP    1			120V	HP	1.5
for single-phase motor 120V HP 0.5 240V HP 1					
120V HP 0.5 240V HP 1		for single-phase motor			
240V HP 1			120V	HP	0.5
	Ambient conditions				

7GN1267U

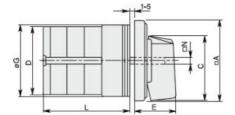
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

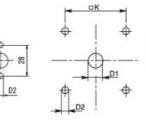


### 7GN1267U ROTARY CAM SWITCH 7GN SERIES, VOLTMETER SWITCH FOR PHASE-PHASE VOLTAGES 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

#### Temperature

Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			

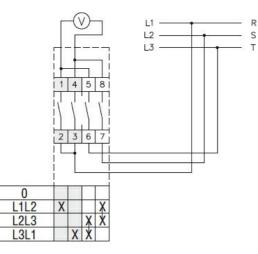




Standard drillings for 7GN125. Drillings on request for 4 screws fixing (4V version).

Carias	Dimensions						L Number of elements														
Series	□A	С	ØD	ØD1	ØD2	Е	ØG	□K	□N	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

7GN1267U



ETIM classifi

**ETIM 8.0** 

## **7GN1267U** ROTARY CAM SWITCH 7GN SERIES, VOLTMETER SWITCH FOR PHASE-PHASE VOLTAGES 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

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cation		
		EC001029 -

Selector switch, complete