

# **7GN2005O48** ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation     Number State       Product designation     7/3N20       Switching diagram     05 - 0N/OFF       Switching diagram     05 - 0N/OFF       N° of elements     1       Mounting form     048 - Modular source cover for a 35mm din rel af s					Rotary cam
General haracteristics     06 - ON/OFF switch 1 pole       N° of elements     1       Mounting form     048 - Modular service cover for 35mm din rail mounting with black handle       Contact characteristics     048 - Modular service cover for 35mm din rail mounting with black handle       Rated insulation voltage Uimp     KV       Econsect characteristics     06 - 000       Rated insulation voltage Uimp     KV       Econsect characteristics     V       Rated operational free air thermal current lth     IEC/EN     A       IEC/EN     A     20       Rated operational impulse voltage     KV     4       Maximum fuse size for short-circuit protection In (gC)     10KA     A     20       IS     KA     250     10/5 mA/V       Operational current Icw     1s     KA     250       Conductivity     10/5 mA/V     0/5 mA/V       Operational current Ic     A     20       AC16     110V     A     10       220/230V     A     8     380/400V     5.5       Single-phase AC-3     110/V     KW     0.8 </td <td>Product designation</td> <td></td> <td></td> <td></td> <td></td>	Product designation				
Switching diagram     05 - ON/OFF switch 1 pole       N* of elements     1       Mounting form     Sarring dirights service cover for 35mm din rail mounting with black handle       Contact charactoristics     Rated insulation voltage Ui       Rated insulation voltage Uimp     K       Conventional free air thermal current Ith     IEC/EN     X       IEC/EN     A     20       Rated operational voltage     KV     6       Conventional free air thermal current Ith     IEC/EN     A     20       Rated operational voltage     KV     480     Rated operational impulse voltage     KV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     20     15kA     A     16       Rated short time current low     1s     KA     250     20     20/(20/2)     A     8     380/400V     A     6     66/(90/V)     A     16       Rated operational current le IEC/EN     4     10     220/(230V)     A     8     380/400V     A     6     66/(90/V)     A     1.5     Single-phase AC-3     10/V <td></td> <td></td> <td></td> <td></td> <td>7GN20</td>					7GN20
Switching diagram     switch 1 pole       N° of elements     1       Mounting form     048 - Modular service cover for 35mm din rail mounting with black handle       Contact characteristics     1       Rated insulation voltage Ui     1       EC/EN     V     690       UL/CSA     V     600       Rated insulation voltage Uimp     KV     6       Conventional free air thermal current Ith     1     1       Rated operational voltage     V     480       Rated operational imputes voltage     KV     4       Maximum fuse size for short-circuit protection In (gG)     10KA     A     20       Conductivity     10/5 mA/V     4     16       Conductivity     10/5 mA/V     10/5 mA/V       Operational current Ic     1     kA     250       Conductivity     10/5 mA/V     20/22/20/20/V     A     8       380/400V     A     6     60/69/0V     A     6       Conductivity     10/5 mA/V     5.5     5     5     5       Rated operational current Ic	General characteristic	S			
Mounting form     O48 - Modular service cover for 35m dn rail mounting with black handle       Contact characteristics     IEC/EN     V     690       Rated insulation voltage Ui     IEC/EN     V     690       QUICSA     V     600     0       Conventional free air thermal current th     IEC/EN     A     20       Rated operational voltage     KV     6     0       Conventional free air thermal current th     IEC/EN     A     20       Rated operational impulse voltage     KV     4     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     20       Tated operational impulse voltage     KV     4     4       Rated short time current lcw     1     16     16       Conductivity     1s     kA     250       Conductivity     10/5 mA/V     0     20/20/20/20/20/20/20/20/20/20/20/20/20/2					
Mounting form     service cover for 35mm din rail mounting with black handle       Contact characteristics	N° of elements				
Contact characteristics       IEC/EN     V     690       UL/CSA     V     690       UL/CSA     V     600       Rated inpulse withstand voltage Uimp     KV     6       Conventional free air thermal current Ith       IEC/EN     A     20       Rated operational voltage     V     480       Rated operational impulse voltage     KV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     20       TokkA     A     16       Rated operational impulse voltage     kV     480       Maximum fuse size for short-circuit protection In (gG)     10kA     A     20       Conductivity     10/5 mA/V       Operational current le IEC/EN       A     20       AC1/AC21A     A     20       AC15     10/V     A     20/230V     A	Mounting form				service cover for 35mm din rail mounting with
IEC/EN     V     630       UL/CSA     V     600       Rated impulse withstand voltage Uimp     kV     6       Conventional free air thermal current Ith     IEC/EN     A     20       Rated operational voltage     KV     4     0       Rated operational voltage     KV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     20       10kA     A     20     10kA     A     20       Rated operational woltage     KV     4     4     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     20     15kA     A     16       Rated short time current lcw     1     kA     250     20     20       Conductivity     1s     kA     250     20     20       AC1/AC21A     4     20     380/400V     A     6       AC19     110V     A     10     220/230V     KW     5.5       Single-phase AC-3     220/230V     KW     3.5	Contact characteristic	<u></u>			black handle
IEC/EN     V     690       Rated impulse withstand voltage Uimp     KV     6       Conventional free air thermal current Ith     IEC/EN     A     20       Rated operational voltage     V     480     480       Rated operational impulse voltage     V     480       Rated operational impulse voltage     V     480       Rated soft time current low     10kA     A     20       10kA     A     20     15kA     A     16       Rated short time current low     1s     kA     250     10/5 mA/V       Conductivity     10/5 mA/V     10/5 mA/V     0/9 mA/V     0/9 mA/V       Operational current le IEC/EN     A     20     A     A     20       AC1/5     110/V     A     10     220/230/V     A     8     380/400/V     A     6     660/99/V     A     5     5     5     5     5     5     5     5     5     5     5     5     5     5     5     5     5     5     5 <td></td> <td></td> <td></td> <td></td> <td></td>					
UL/CSA     V     600       Rated impulse withstand voltage Uimp     KV     6       Conventional free air thermal current lth     IEC/EN     A     20       Rated operational voltage     V     480     Rated operational voltage     V     480       Rated operational voltage     KV     4     Maximum fuse size for short-circuit protection ln (gG)     10kA     A     20       15kA     A     16     25kA     A     16       Rated short time current lcw     10/5 mA/V     10/5 mA/V     0       Operational current le     EC/EN     A     20       AC1/AC21A     A     20     AC1/AC21A       AC15     110/V     A     10       220/230V     A     8     380/400V     A       660/690V     A     1.5     S     S       Rated operational power in AC     220/230V     KW     3     3       Three-phase AC-3     110/V     KW     0.8     220/230V     KW     3       Single-phase AC23A     220/230V     KW			IEC/EN	V	690
Rated impulse withstand voltage Ump     kV     6       Conventional free air thermal current lth     IEC/EN     A     20       Rated operational voltage     V     480       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     20       15kA     A     16     15kA     A     16       Rated short time current lcw     1s     kA     250     10/5 mA/V       Operational current le IEC/EN     A     20     10/5 mA/V     10/5 mA/V       Operational current le IEC/EN     A     10     220/230V     A     8       AC1/AC21A     A     10     220/230V     A     8       AC15     110V     A     10     220/230V     A     8       Rated operational power in AC     Three-phase AC-3     10/V     5     5       Single-phase AC-3     110V     kW     3     3       Three-phase AC23A     220/230V     kW     5     380/440V     KW     5					
Conventional free air thermal current lth     IEC/EN     A     20       Rated operational voltage     V     480       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     20       15kA     A     16     16kA     A     20       Rated short time current lcw     1s     kA     250     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A     A     20       AC15     110V     A     10     220/230V     A     8       380/400V     A     6     660/690V     A     1.5       Rated operational power in AC     Three-phase AC-3     220/230V     KW     3       Single-phase AC-3     110V     KW     0.8     220/230V     KW     3       Three-phase AC-3     110V     KW     0.8     220/230V     KW     3       Single-phase AC23A     110V     KW     0.8     220/230V     KW     5       Single-phase AC23A     220/230V     KW <td>Rated impulse withsta</td> <td>nd voltage Uimp</td> <td>01,00,1</td> <td></td> <td></td>	Rated impulse withsta	nd voltage Uimp	01,00,1		
UL/CSA     A     20       Rated operational inpulse voltage     V     480       Rated operational inpulse voltage     kV     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     20       15kA     A     16     16       Rated short time current lcw     1s     kA     250       Conductivity     1s     kA     250       Operational current le IEC/EN     AC1/AC21A     A     10       AC15     10/V     A     10       220/200V     A     8     380/40/V     A       Rated operational power in AC     Three-phase AC-3     20/202/V     A       Single-phase AC-3     110/V     KW     3       Single-phase AC-3     110/V     KW     3       Three-phase AC23A     220/230/V     kW     2       380/440/V     kW     2     3       Single-phase AC23A     110/V     KW     5       Single-phase AC23A     110/V     KW     5       Single-phase AC23A     1					
Rated operational voltage     V     480       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     20       15kA     A     16     25kA     A     16       Rated short time current low     1s     kA     250     20       Conductivity     10/5 mA/V     00/5 mA/V     00/5 mA/V     00/5 mA/V       Operational current le IEC/EN     4C1/AC21A     A     20     4C15     10/5 mA/V       AC15     110V     A     10     220/230V     A     8       Rated operational power in AC     10     220/230V     A     8       Three-phase AC-3     220/230V     kW     3     380/440V     5.5       Single-phase AC-3     110V     kW     0.8     220/230V     kW     3       Three-phase AC23A     220/230V     kW     5     380/440V     kW     7.5       Single-phase AC23A     220/230V     kW     5     380/440V     kW     5.5 <td< td=""><td></td><td></td><td>IEC/EN</td><td>А</td><td>20</td></td<>			IEC/EN	А	20
Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     20       15kA     A     16       25kA     A     16       Rated short time current low     1s     kA     250       Conductivity     10/5 mA/V     0/5 mA/V       Operational current le IEC/EN     AC1/AC21A     A     20       AC15     110V     A     10     220/230V     A     8       380/400V     A     6     660/690V     A     1.5       Rated operational power in AC     Three-phase AC-3     220/230V     kW     3       Single-phase AC-3     110V     KW     3.8     220/230V     kW     3       Three-phase AC-3     110V     kW     0.8     220/230V     kW     5.5       Single-phase AC23A     220/230V     kW     5.5     500/690V     KW     7.5       Single-phase AC23A     220/230V     kW     5.5     500/690V     kW     7.5       Single-phase AC23A<			UL/CSA	А	20
Maximum fuse size for short-circuit protection ln (gG)     10kA     A     20       15kA     A     16       Rated short time current lcw     1s     kA     250       Conductivity     10/5 mA/V     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A     A     20       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       660/690V     A     1.5     1.5     1.5     1.5       Rated operational power in AC     Three-phase AC-3     220/230V     kW     3     380/440V     kW     5.5       Single-phase AC-3     110V     kW     0.8     220/230V     kW     3       Three-phase AC-3     110V     kW     0.8     220/230V     kW     2.2       380/440V     kW     3     380/440V     kW     3       Three-phase AC23A     220/230V     kW     5     380/440V     kW     5       Single-phase AC23A     220/230V     kW     5     50	Rated operational volt	age		V	480
10kA     A     20       15kA     A     16       Rated short time current lcw     1s     kA     250       Conductivity     10/5 mA/V     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A     A     20       AC15     110V     A     10     220/230V     A     8       380/400V     A     6     660/690V     A     1.5       Rated operational power in AC     Three-phase AC-3     220/230V     kW     3       380/440V     kW     5.5     500/690V     kW     3       220/230V     kW     3     380/440V     kW     3       380/440V     kW     3     380/440V     kW     3       Single-phase AC-3     110V     kW     0.8     220/230V     kW     3       Three-phase AC23A     200/230V     kW     5     380/440V     kW     3       Three-phase AC23A     220/230V     kW     5     380/440V     kW     5       Single-phase AC23A	Rated operational imp	ulse voltage		kV	4
15kA     A     16       Rated short time current low     1s     kA     250       Conductivity     10/5 mA/V       Operational current le IEC/EN     4     20       AC1/AC21A     A     10       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       660/690V     A     1.5     5     5     5       Rated operational power in AC     220/230V     kW     3     380/440V     KW     5.5       Single-phase AC-3     110V     kW     0.8     220/230V     kW     3       220/230V     kW     3     380/440V     kW     3     3       500/690V     kW     5.5     5     5     5     5       Single-phase AC-3     110V     kW     0.8     2     2     3     3       4000V     kW     3     3     3     3     3     3       500/690V     kW     7.5     3	Maximum fuse size fo	r short-circuit protection In (gG)			
25kA     A     16       Rated short time current Icw       Is     kA     250       Conductivity     10/5 mA/V       Operational current Ie IEC/EN     AC1/AC21A     A     20       AC15     110V     A     10     220/230V     A     8       380/400V     A     6     660/690V     A     1.5       Rated operational power in AC       Three-phase AC-3       20/230V     kW     3       20/230V     kW     3       Single-phase AC-3       Three-phase AC-3       Three-phase AC-3       20/230V     kW     3       Single-phase AC-3       Three-phase AC23A       20/230V     kW     2.2       380/440V     kW     2.5       Single-phase AC23A       20/230V     kW     5       Single-phase AC23A        220/230V				А	
Rated short time current lcw     1s     kA     250       Conductivity     10/5 mA/V     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A     A     20       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       660/690V     A     1.5     1.5     1.5     1.5       Rated operational power in AC     Three-phase AC-3     220/230V     kW     3     380/440V     kW     5.5     500/690V     kW     5.5     5     5     500/690V     kW     3					
1s     kA     250       Conductivity     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A     A     20       AC15     110V     A     10       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       660/690V     A     1.5     1.5     1.5     1.5       Rated operational power in AC       Three-phase AC-3     220/230V     kW     3     380/440V     \$W     5.5     5       Single-phase AC-3     110V     kW     0.8     220/230V     kW     3       Three-phase AC23A     110V     kW     5.5     5 <td></td> <td></td> <td>25kA</td> <td>A</td> <td>16</td>			25kA	A	16
Conductivity     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A     A     20       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       Rated operational power in AC     Three-phase AC-3     220/230V     kW     3       Single-phase AC-3     220/230V     kW     5.5     500/690V     kW     2.2       380/440V     kW     0.8     220/230V     kW     3     3       Three-phase AC-3     110V     kW     0.8     220/230V     kW     3       Three-phase AC23A     220/230V     kW     5     380/440V     kW     7.5       Single-phase AC23A     220/230V     kW     5     380/440V     kW     7.5       Single-phase AC23A     110V     kW     0.8     220/230V     kW     5       Single-phase AC23A     220/230V     kW     5     380/440V     kW     2.5	Rated short time curre	ent Icw			
Operational current le IEC/EN     A     20       AC1/AC21A     A     20       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       660/690V     A     1.5     110V     KW     3       Rated operational power in AC     Three-phase AC-3     220/230V     KW     3       380/440V     kW     5.5     500/690V     kW     5.5       Single-phase AC-3     110V     kW     0.8     220/230V     kW     2.2       380/440V     kW     2.2     380/440V     kW     3       Three-phase AC-3     110V     kW     0.8     220/230V     kW     2.2       380/440V     kW     3     380/440V     kW     3     380/440V     kW     7.5       Single-phase AC23A     220/230V     kW     5     380/440V     kW     7.5       Single-phase AC23A     110V     kW     0.8     220/230V     kW     2.5			15	kA	
AC1/AC21A     A     20       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       660/690V     A     1.5     15     110V     KW     3       Rated operational power in AC       Three-phase AC-3     220/230V     kW     3     380/40V     kW     5.5       Single-phase AC-3     110V     kW     0.8     220/230V     kW     2.2       380/440V     kW     3     380/440V     kW     3       Three-phase AC-3       110V     kW     0.8     220/230V     kW     2.2       380/440V     kW     3     3     3     3       Three-phase AC23A     220/230V     kW     5     3     3     3       Three-phase AC23A     220/230V     kW     5     3     3     3       Single-phase AC23A     110V     kW     0.8     220/230V     kW     7.5       Single-phase AC23A					10/5 mA/V
A     20       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       660/690V     A     1.5     <	Operational current le				
AC15     110V     A     10       220/230V     A     8     380/400V     A     6       380/400V     A     6     660/690V     A     1.5       Rated operational power in AC       Three-phase AC-3     220/230V     kW     3       380/440V     kW     5.5     500/690V     kW     5.5       Single-phase AC-3     110V     kW     0.8     220/230V     kW     2.2       380/440V     kW     3     380/440V     kW     3       Three-phase AC23A     220/230V     kW     5     500/690V     kW     7.5       Single-phase AC23A     110V     kW     7.5     500/690V     kW     7.5       Single-phase AC23A     110V     kW     0.8     220/230V     kW     2.5		ACT/ACZTA		Δ	20
110V     A     10       220/230V     A     8       380/400V     A     6       660/690V     A     1.5       Rated operational power in AC       Three-phase AC-3       220/230V     kW     3       380/440V     kW     5.5       Single-phase AC-3     110V     kW     0.8       220/230V     kW     2.2     380/440V     kW     2.2       380/440V     kW     2.2     380/440V     kW     3       Three-phase AC-3       110V     kW     0.8     220/230V     kW     2.2       380/440V     kW     3     3     3       Three-phase AC23A       220/230V     kW     5     380/440V     kW     7.5       Single-phase AC23A       110V     kW     0.8       220/230V     kW     5       Single-phase AC23A       110V     kW     0.8		AC15		~	20
220/230V     A     8       380/400V     A     6       660/690V     A     1.5       Rated operational power in AC       Three-phase AC-3       220/230V     kW     3       380/440V     kW     5.5       500/690V     kW     5.5       Single-phase AC-3       110V     kW     0.8       220/230V     kW     2.2       380/440V     kW     3       Three-phase AC-3       110V     kW     0.8       220/230V     kW     2.2       380/440V     kW     3       Three-phase AC23A       Z0/230V     kW       Three-phase AC23A       Z0/230V     kW       Single-phase AC23A       Single-phase AC23A       Single-phase AC23A       Single-phase AC23A		A013	110V	А	10
380/400V     A     6       660/690V     A     1.5       Rated operational power in AC Three-phase AC-3       220/230V     kW     3       380/440V     kW     5.5       500/690V     kW     5.5       Single-phase AC-3     110V     kW     0.8       220/230V     kW     3     380/440V     kW     3       Three-phase AC-3     110V     kW     0.8     220/230V     kW     3       Three-phase AC23A     220/230V     kW     5     380/440V     kW     5       Single-phase AC23A     220/230V     kW     7.5     500/690V     kW     7.5       Single-phase AC23A     110V     kW     0.8     220/230V     kW     2.5					
660/690V     A     1.5       Rated operational power in AC Three-phase AC-3       220/230V     kW     3       380/440V     kW     5.5       500/690V     kW     5.5       Single-phase AC-3     110V     kW     0.8       220/230V     kW     2.2     380/440V     kW     3       Three-phase AC-3       Three-phase AC23A       Z20/230V     kW     5       Single-phase AC23A       Z20/230V     kW     5       Single-phase AC23A       Z20/230V     kW     7.5       Single-phase AC23A       110V     kW     0.8       Z20/230V     kW     7.5       Single-phase AC23A       110V     kW     0.8       Z20/230V     kW     2.5					
Three-phase AC-3   220/230V   kW   3     380/440V   kW   5.5     Single-phase AC-3   110V   kW   0.8     220/230V   kW   2.2     380/440V   kW   3     Three-phase AC23A   220/230V   kW   2.2     380/440V   kW   3     Three-phase AC23A   220/230V   kW   5     Single-phase AC23A   7.5   500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.8     220/230V   kW   5   380/440V   kW   7.5     Single-phase AC23A   110V   kW   0.8   220/230V   kW   2.5				А	
220/230V   kW   3     380/440V   kW   5.5     500/690V   kW   5.5     Single-phase AC-3   110V   kW   0.8     220/230V   kW   2.2     380/440V   kW   3     Three-phase AC23A   220/230V   kW   5     380/440V   kW   5     380/440V   kW   7.5     Single-phase AC23A   7.5     Single-phase AC23A   110V   kW   0.8     220/230V   kW   5   380/440V   8     220/230V   kW   5.5   500/690V   8   2.5	Rated operational pow	ver in AC			
380/440V   kW   5.5     500/690V   kW   5.5     Single-phase AC-3   110V   kW   0.8     220/230V   kW   2.2     380/440V   kW   3     Three-phase AC23A   220/230V   kW   5     380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.8     220/230V   kW   2.5		Three-phase AC-3			
500/690V   kW   5.5     Single-phase AC-3   110V   kW   0.8     220/230V   kW   2.2     380/440V   kW   3     Three-phase AC23A   220/230V   kW   5     380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.8     220/230V   kW   2.5					
Single-phase AC-3   110V   kW   0.8     220/230V   kW   2.2     380/440V   kW   3     Three-phase AC23A   220/230V   kW   5     380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.8     220/230V   kW   2.5					
110V   kW   0.8     220/230V   kW   2.2     380/440V   kW   3     Three-phase AC23A     220/230V   kW   5     380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A     110V   kW   0.8     220/230V   kW   2.5			500/690V	kW	5.5
220/230V   kW   2.2     380/440V   kW   3     Three-phase AC23A   220/230V   kW   5     380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.8     220/230V   kW   2.5		Single-phase AC-3			
380/440V   kW   3     Three-phase AC23A   220/230V   kW   5     380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.8     220/230V   kW   2.5					
Three-phase AC23A   220/230V   kW   5     380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.8     220/230V   kW   2.5					
220/230V   kW   5     380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.8     220/230V   kW   2.5			380/440V	KVV	3
380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.8     220/230V   kW   2.5		mree-phase AC23A	220/2201/	۲\ <i>N</i>	5
500/690V     kW     7.5       Single-phase AC23A     110V     kW     0.8       220/230V     kW     2.5					
Single-phase AC23A 110V kW 0.8 220/230V kW 2.5					
110V kW 0.8 220/230V kW 2.5		Single-phase AC23A	500/030V	17.4.4	1.0
220/230V kW 2.5			110V	kW	0.8

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Rated operational current in DC

Rated operational curre				
	DC21A		_	
		48V	A	20
		60V	А	20
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	20 (1)
		48V	A	20 (2)
		60V	A	20 (2)
		110V		
			A	10 (3)
		220V	A	8 (4)
	DC13			
		24V	А	20
		48V	А	16
		60V	А	12
		110V	А	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.8
Mechanical features			••	0.0
Terminals screw				M3
Tightening torque for te	vrminala may		Nm	0.5
			INITI	0.5
Conductor size				
	AWG - Rigid cable			
		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	WidA		2.0
	Conductor size (IEC) - Rigid Cable		······································	0.5
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for direct-	on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	7.5
		600V	HP	10
	for single-phase motor	0007		. •
		120V	HP	0.75
A pobio pt op a ditions		240V	HP	2
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	<b>a</b>			

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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

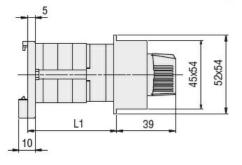
Storage temperature



### 7GN2005O48 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

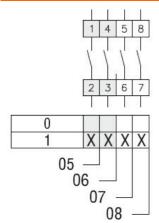
°C -40 min °C +70 max Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP00

Dimensions



Series	L1			
Series	1	2	3	
7GN12	38.1	47.8	57.5	
7GN20	38.1	47.8	57.5	
7GN25	42.5	56.1	69.7	

#### Wiring diagrams



# Certifications and compliance

Compliance

•		
	CSA C22.2 n° 14	
	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
	UL60947-4-1	
Certificates		
	cCSAus	
	EAC	
	UL	
TIM classification		
		EC001105 - Off-

# **ETIM 8.0**

С

E

load switch