

7GN2005U47 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation 70N2 Product designation 70N20 Product type designation 70N20 Product type designation 70N20 Switching diagram 05.0 NUCFE Switching diagram 1 No of elements 1 No of elements 1 Mounting form 1 Mounting form 1 Contact characteristics Rated insulation voltage Uim 1 Contact characteristics Rated operational voltage Uim 1 Rated operational inputse voltage 1 Rated operational prover in AC Rated operational power in AC Rated operational power in AC Rated operational power in AC Three-phase AC-3 10V KW 3 300/440V KW 5.5 Single-phase AC-3 10V KW 0.8 220/230V KW 5 300/440V KW 5.5 Single-phase AC23A 10V KW 0.8 220/230V KW 5 300/440V KW 5 300/44	Droduct designation				^o Rotary cam
General Pharacteristics 05 - ON/OFF Switching diagram 05 - ON/OFF N° of elements 1 N° of elements U47 - Snap on from mounting with black handle for hole diam. Contact characteristics 22mm finxing Rated insulation voltage Ui IEC/EN V 690 Quit/CSA V 600 22mm finxing Contact characteristics 22mm finxing 22mm finxing Contact characteristics 2 2 2 Rated insulation voltage Uimp kV 6 6 Conventional free air thermal current lth IEC/EN A 20 Rated operational inputes voltage kV 4 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 If KAA 16 25kA A 16 Rated operational current low 1s A 250 Conductivity 10/5 mA/V 00 6 Operational current le IEC/EN A 20 330/400V A 6 Rat	-				
Switching diagram 05 - ONVOFF N° of elements 1 Mounting form 1477 - Snap on from mounting Contact characteristics with black handle dime. Rated insulation voltage Ui IEC/EN V Rated insulation voltage Uimp kV 6 Conventional free air thermal current ith IEC/EN V 600 Rated operational voltage V 480 8 Rated operational voltage KV 4 480 Rated operational voltage KV 4 480 Rated operational voltage KV 4 480 Rated operational voltage KV 4 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 16 16 16 Rated short time current Icw 15 A 20 Conductivity 10/5 mA/V 0 220/230V A 8 AC15 110V A 10 220/230V A 8					7GN20
Switch ng diagram switch 1 pole N° of elements 1 Mounting form U47 - Snap on from mounting with black handle for hole dam. 22mm finxing Contact characteristics 22mm finxing Rated insulation voltage Ui IEC/EN V 690 QuitCSA V 600 0 Rated insulation voltage Uimp KV 6 6 Conventional free air thermal current Ith IEC/EN A 20 Rated operational impulse voltage KV 4 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 Tasked operational impulse voltage KV 4 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 Conductivity 10/5 mA/V 0 0 00/5 mA/V Operational current lew 15 A 20 AC15 110V A 10 220/2030V A 8 380/400V A AC15 110V XW 1.5 <tr< td=""><td></td><td>3</td><td></td><td></td><td>05 - ON/OFF</td></tr<>		3			05 - ON/OFF
Mounting form U47 - Snap on from mounting with black handle tor hole diam. 22mm finxing Contact characteristics 22mm finxing Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN X 600 Rated operational voltage V 480 4 Rated operational impulse voltage V 480 4 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 0 A 20 10kA A 20 10kA 20 10kA A 20 10kA 20 10kA A 20 10kA 16 Rated short time current low 1s A 250 Conductivity 10/5 mA/V 0 20/2020V A AC15 110/V A 10 220/230V A 220/230V KW 3 30/440V KW 5.5	Switching diagram				
Mounting form from mounting with black handle tor hole diam. 22mm finxing Contact characteristics 22mm finxing Rated insulation voltage Ui IEC/EN V 690 Quil/CSA V 600 0 Rated insulation voltage Uimp KV 6 Conventional free air thermal current th IEC/EN A 20 Rated operational voltage V 480 480 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 Rated short time current low 1 1 1 1 Conductivity 1s A 250 1 Conductivity 1s A 20 1 AC15 110V A 10 220/230V 30/40/0V AC15 110V A 10 220/230V 4 6 680/690V A 1.5 15 15 10/V 30/44/V 6 30/44/V 5.5 5	N° of elements				
Rated insulation voltage Ui IEC/EN V 690 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current lth IEC/EN A 20 Rated operational voltage V 480 Rated operational impulse voltage KV 4 Rated operational impulse voltage kV 4 20 Rated operational impulse voltage kV 4 20 Rated operational impulse voltage kV 4 20 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 16 250 20 Conductivity 10's mA/V 20 30/40'V 4 AC1/AC21A A 20 30/40'V A 8 380/40'V A 8 380/40'V A 8 380/40'V A 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Mounting form				fron mounting with black handle for hole diam.
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 KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 18kA A 16 16 Rated short time current Icw 1 18 A 250 Conductivity 105 mA/V 005 mA/V 005 mA/V Operational current Ic IEC/EN A 20 AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 Single-phase AC-3 220/230V kW 3					
UL/CSA V 600 Rated inpulse withstand voltage Uimp KV 6 Conventional free air thermal current lth IEC/EN A 20 Rated operational voltage V 480 A 20 Rated operational impulse voltage kV 4 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 16 25kA A 16 25kA A 16 25kA A 16 Conductivity 1s A 250 10/5 mA/V Operational current le 1s A 20 AC1/AC21A A 10 220/230V A 8 AC15 110V A 10 220/230V A 8 AC16 20 A 1.5 5 5 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 5 Single-phase AC-3 110V kW 0.8	Rated insulation voltage	ge Ui			
Rated impulse 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 15kA A 16 15kA A 16 Rated short time current Icw 1s A 250 20 Conductivity 1s A 250 20 20/200V Operational current Ic IEC/EN AC15 10/5 mA/V 0 20 AC15 110V A 10 20/2020V A 8 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 Single-phase AC-3 110V KW 0.8 220/230V KW 3 Single-phase AC23A 220/230V KW 5 380/440V				-	
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 25kA A 16 Rated short time current lcw 1s A 250 20 Conductivity 10/5 mA/V 00/5 mA/V 00/5 mA/V Operational current le IEC/EN A 20 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 3 380/440V kW 3 Single-phase AC-3 110V kW 0.8 220/230V kW 3 220/230V kW 3 380/440V kW 3 380/440V kW 3 Single-phase AC-3 110V kW <td< td=""><td>Datad impulse withota</td><td>nd voltage Llimp</td><td>UL/CSA</td><td></td><td></td></td<>	Datad impulse withota	nd voltage Llimp	UL/CSA		
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 25kA A 16 Rated short time current lcw 1s A 250 20 Conductivity 1s A 250 20 Conductivity 1s A 250 20 Conductivity 1s A 20 AC1/AC21A AC1/AC21A AC15 10/V 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 5.5 5 5 Single-phase AC-3 110V kW 0.8 220/230V kW 3 200/230V kW 5.5 5 5 5 5 5 Single-phase AC-3	· · · · · · · · · · · · · · · · · · ·			κv	U
UL/CSA A 20 Rated operational impulse voltage V 480 Maximum fuse size for short-circuit protection ln (gG) 10kA A 20 15kA A 16 25kA A 16 Rated short time current low 1s A 250 250 Conductivity 10/5 mA/V 00/5 mA/V 00/5 mA/V Operational current le IEC/EN A 10 220/230V A 8 AC1/5 110V A 10 220/230V A 8 AC15 110V A 10.5 380/400V A 6 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 Actional power in AC 100 220/230V kW 3.5 380/440V kW 2.2 Action power in AC 100V KW 2.2 380/440V KW			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 Rated short time current lcw 1s A 250 Conductivity 1s A 250 Operational current le IEC/EN 10/5 mA/V AC1/AC21A A 10 AC15 110V A 10 220/230V A 8 380/400V A 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 Single-phase AC-3 110V kW 0.8 220/230V kW 3 Single-phase AC-3 110V kW 0.8 220/230V kW 3 Single-phase AC23A 10V kW 5 380/440V kW 3 Three-phase AC23A 220/230V kW 5 380/440V kW 5 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
Maximum fuse size for short-circuit protection ln (gG) 10kA A 20 15kA A 16 25kA A 16 Rated short time current lcw 1s A 250 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN 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 2.2 380/440V kW 2.2 380/440V kW 3 <td< td=""><td>Rated operational volt</td><td>age</td><td></td><td>V</td><td>480</td></td<>	Rated operational volt	age		V	480
10kA A 20 15kA A 16 25kA A 16 Rated short time current lcw 1s A 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 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 3.5 380/440V kW 2.2 380/440V kW 2.2 380/440V kW 3.5 380/440V </td <td>Rated operational imp</td> <td>ulse voltage</td> <td></td> <td>kV</td> <td>4</td>	Rated operational imp	ulse voltage		kV	4
15kA A 16 Rated short time current low 1s A 250 Conductivity 10/5 mA/V 10/5 mA/V 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 1.5 1.5 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/440V kW 3 Single-phase AC-3 110V kW 0.8 220/230V kW 3 Three-phase AC-3 110V kW 0.8 380/440V kW 3 Single-phase AC23A 220/230V kW 5 380/440V kW 5 Single-phase AC23A 220/230V kW 5 380/440V kW 7.5 Single-phase AC23A 110V kW 5 380/440V kW 7.5 <	Maximum fuse size fo	r short-circuit protection In (gG)			
25kA A 16 Rated short time current lcw 1s A 250 Conductivity 10/5 mA/V 0 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 15 15 15 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 2.2 380/440V kW 3 Single-phase AC-3 110V kW 3 3 3 3 Three-phase AC-3 110V kW 3 3 3 3 Single-phase AC23A 100V kW 5 3 3 3 3 Single-phase AC23A 100V KW					
Rated short time current lcw 1s A 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 1.5 380/440V KW 5.5 Rated operational power in AC Three-phase AC-3 220/230V 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 3 Single-phase AC-3 110V kW 0.8 220/230V kW 3 Three-phase AC23A 220/230V kW 3 3 3 3 Three-phase AC23A 220/230V kW 5 3 3 3 Single-phase AC23A 220/230V kW 5 5 5 5 Single-phase AC23A <td></td> <td></td> <td></td> <td></td> <td></td>					
1s A 250 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 6 660/690V A 1.5 1.5 1.5 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/40V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 3 Three-phase AC-3 Single-phase AC-3 Single-phase AC-3 220/230V kW 5.5 Single-phase AC23A 220/230V kW 5 Single-phase AC23A 20/230V kW 5 Single-phase AC23A 110V kW 5	Pated short time surre	not low	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 6 660/690V 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 2.2 380/440V kW 3 110V kW 0.8 220/230V kW 3 Three-phase AC-3 110V kW 0.8 220/230V kW 3 Three-phase AC23A 110V kW 0.8 220/230V kW 5 Single-phase AC23A 220/230V kW 5 380/440V kW 7.5 Single-phase AC23A 110V kW 0.8 20/690V kW 7.5	Rated Short time cure		19	Δ	250
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 2.2 380/440V kW 0.8 220/230V kW 2.2 380/440V kW 0.8 220/230V kW 3 Three-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 Single-phase AC23A 110V kW 0.8 110V kW 0.8	Conductivity		15		
AC1/AC21A 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 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 2.2 380/440V kW 3 Three-phase AC23A 110V kW 5 380/440V kW 5 380/440V kW 5 380/440V kW 5 380/440V kW 7.5 500/690V kW 5.5 500/690V kW 5.5 500		IEC/EN			
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 3 220/230V kW 3 Single-phase AC-3 110V kW 0.8 220/230V kW 2.2 Single-phase AC-3 Three-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 110V kW 0.8	•				
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 3 Three-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 5 Single-phase AC23A 110V kW 0.8				А	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 3 Three-phase AC23A 110V kW 5 380/440V kW 5 380/440V kW 5 Single-phase AC23A 220/230V kW 5 380/440V kW 7.5 Single-phase AC23A 110V kW 7.5 500/690V kW 7.5		AC15			
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 3 Three-phase AC23A 220/230V kW 5 380/440V kW 5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8					
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 2.2 380/440V kW 3 Three-phase AC-33 Three-phase AC23A Z20/230V kW 5.3 Single-phase AC23A Z20/230V kW 5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A					
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 Three-phase AC23A Z20/230V kW 5 Single-phase AC23A Single-phase AC23A Three AC23A					
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 AC-3 Three-phase AC23A 220/230V kW 5 380/440V kW 5 380/440V kW 7.5 Single-phase AC23A 110V kW 0.8	Rated operational pov	ver in AC	000/030 V	~	1.0
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	rated operational per				
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 Single-phase AC23A 7.5 Single-phase AC23A 110V kW 0.8		·	220/230V	kW	3
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			380/440V	kW	5.5
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 Single-phase AC23A 500/690V kW 7.5 Single-phase AC23A			500/690V	kW	5.5
220/230V kW 2.2 380/440V kW 3 Three-phase AC23A 220/230V kW 5 380/440V kW 7.5 380/440V kW 7.5 Single-phase AC23A 110V kW 0.8		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					
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 5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8		Three-phase AC23A	500/440V	A V V	5
380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8			220/230V	kW	5
500/690V kW 7.5 Single-phase AC23A 110V kW 0.8					
110V kW 0.8					
		Single-phase AC23A			
220/230V kW 2.5					
			220/230V	kW	2.5

7GN2005U47

ENERGY AND AUTOMATION

7GN2005U47 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

		380/440V	kW	3.7
Rated operational curr	ent in DC			
	DC21A			
		48V	А	20
		60V	А	20
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	А	10 (3)
		220V	А	8 (4)
	DC13			
		24V	А	20
		48V	А	16
		60V	A	12
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		440 V		0.8
Mechanical features			vv	0.0
Terminals screw				M3
	orminale may		Nm	0.5
Tightening torque for to			INITI	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
	AWG - Flexible cable	min	AWG	20
		min Max	AWG AWG	20 14
	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max	AWG	14
		Max		
	Conductor size (IEC) - Flexible cable	Max	AWG	14
		Max min	AWG mm² mm²	14 0.5 2.5
	Conductor size (IEC) - Flexible cable	Max min	AWG	14 0.5 2.5 0.5
	Conductor size (IEC) - Flexible cable	Max min Max	AWG mm² mm²	14 0.5 2.5
Mechanical life	Conductor size (IEC) - Flexible cable	Max min Max min	AWG mm ² mm ² mm ²	14 0.5 2.5 0.5
Mechanical life UL technical data	Conductor size (IEC) - Flexible cable	Max min Max min	AWG mm ² mm ² mm ²	14 0.5 2.5 0.5 2.5
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min	AWG mm ² mm ² mm ²	14 0.5 2.5 0.5 2.5
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min	AWG mm ² mm ² mm ²	14 0.5 2.5 0.5 2.5
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min	AWG mm ² mm ² mm ²	14 0.5 2.5 0.5 2.5
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG mm ² mm ² mm ² cycles	14 0.5 2.5 0.5 2.5 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V	AWG mm² mm² mm² cycles	14 0.5 2.5 0.5 2.5 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V	AWG mm ² mm ² mm ² cycles HP HP HP	14 0.5 2.5 0.5 2.5 5x10 ⁶ 1.5 3 7.5
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V	AWG mm² mm² cycles HP HP	14 0.5 2.5 0.5 2.5 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	14 0.5 2.5 0.5 2.5 5x10 ⁶ 1.5 3 7.5 10
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	14 0.5 2.5 0.5 2.5 5x10 ⁶ 1.5 3 7.5 10 0.75
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	14 0.5 2.5 0.5 2.5 5x10 ⁶ 1.5 3 7.5 10
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	14 0.5 2.5 0.5 2.5 5x10 ⁶ 1.5 3 7.5 10 0.75
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor for single-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	14 0.5 2.5 0.5 2.5 5x10 ⁶ 1.5 3 7.5 10 0.75
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP HP	14 0.5 2.5 0.5 2.5 5x10 ⁶ 1.5 3 7.5 10 0.75 2
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor for single-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	14 0.5 2.5 0.5 2.5 5x10 ⁶ 1.5 3 7.5 10 0.75

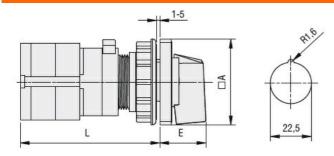
7GN2005U47

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



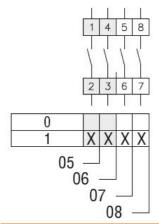
7GN2005U47 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

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



Cariaa	Dimensions		L			
Series	□A	E	1	2	3	8
7GN12	48	26.5	58	67.7	77.4	125.9
7GN20	48	26.5	58	67.7	77.4	125.9
7GN25	48	26.5	62.4	76	89.6	157.6

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		
		EC001105 - Off-

load switch

ETIM 8.0

7GN2005U47