



Enclosed Changeover Switch

NLSWC0254E

- 25mm Knock-outs
- Easy Access & Switch Removal
- Flame Retardant Material
- Padlockable for Added Security
- 4 Pole Switch Ratings at AC-22



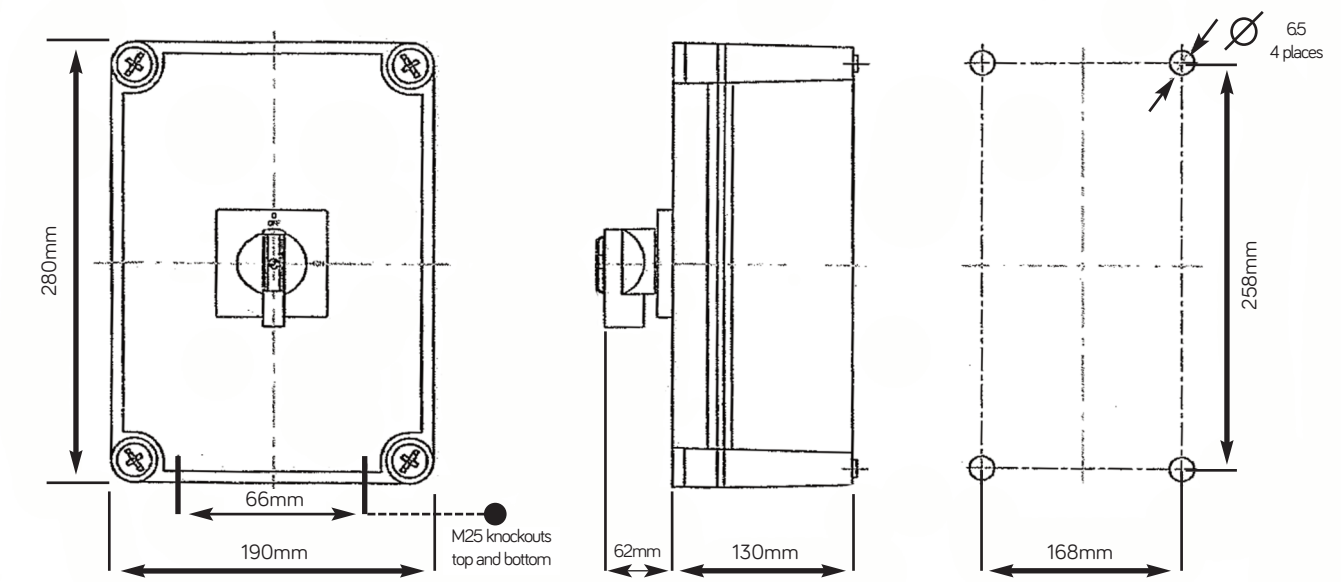
⚠ Important Safety Notice

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

Terminals, including factory fitted, should be checked periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS

Approvals		CB, CE & SEMKO		
UL Standard		UL508		
International / European Standard		IEC & EN 60947-1 and 3		
				Switch Codes
DATA		Range	Units	NLSWCO254E
Rated operational voltage Ue				
IEC & EN		Volts	V	690
UL		Volts	V	600
Main switch: Isolating voltage up to		Volts	V	750
Rated impulse withstand voltage Uimp		Volts	kV	6
Rated uninterrupted current Iu		Amps	A	25
Rated operational current Ie				
IEC & EN	AC-22A	Up to 690V	A	25
	AC-21A	Up to 690V	A	32
	AC-1	Up to 690V	A	32
Rated operational power AC-23A (50-60Hz)				
IEC & EN	3 Phase	230(240)V	kW	11
		400(415)V	kW	15
		690V	kW	22
Rated operational power AC-3 (50-60Hz)				
IEC & EN	3 Phase	230(240)V	kW	7.5
		400(415)V	kW	11
		690V	kW	15
UL Power Rating				
DOL	3 Phase	120V	hp	3
		240V	hp	7.5
		480V	hp	15
		600V	hp	20
	1 Phase	120V	hp	1.5
		240V	hp	2
UL Short Circuit Ratings				
Fuse rating, class J		Amps	A	45
Fuse rating, class RK5		Amps	A	-
Rated Fused short circuit current		Amps	kA	10
Short Circuit Capacity (IEC)				
Max fuse size (Type gl)		Amps	A	32
Rated Fused short circuit current		Amps	kA	30
Terminal Specification				
Single/ Multiple strand wire			Min-mm2	2.5
			Max-mm2	10
Fine strand with sleeve			Min-mm2	0.75
			Max-mm2	6
American wire gauge			AWG	10
Recommended Tightening Torque			Nm	1.7

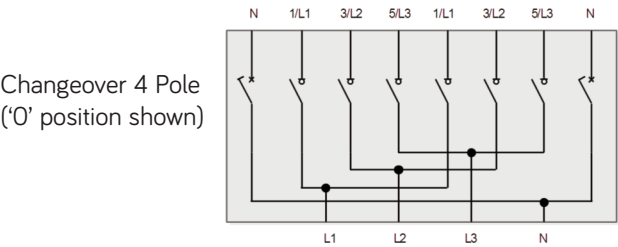


Procedure to dismantle the cover:

- Ensure the switch is in the OFF position
- Unscrew the cover screws & remove the cover
- For easy wiring the switch can be removed from the base and then clicked back into place once wiring is complete
- After wiring ensure the profile orientation of the actuating spindle & knob shaft are in the same position
- Replace the cover & take care not to overtighten the screws (recommended tightening torque 1.5 Nm)
- Do not install using power driven screwdrivers

Please Note: There is no need to remove the switch handle in order to remove the cover.

Terminal Configuration:



Changeover 4 Pole Switch Program

	N	1/L1	3/L2	5/L3	1/L1	3/L2	5/L3	N
I	X	X	X	X				
O								
II					X	X	X	X

Height (mm)	Width (mm)	Depth (mm)	Depth (Including Switch) mm
280	190	130	192

12/05/2015