

Data Sheet

Enclosed Switch Disconnects

NLSW206PE / NLSW326PE

25mm Knock-outs

Easy Access & Switch Removal

Flame Retardant Material

Padlockable for Added Security

6 Pole Switch Ratings at AC-22



Important Safety Notice

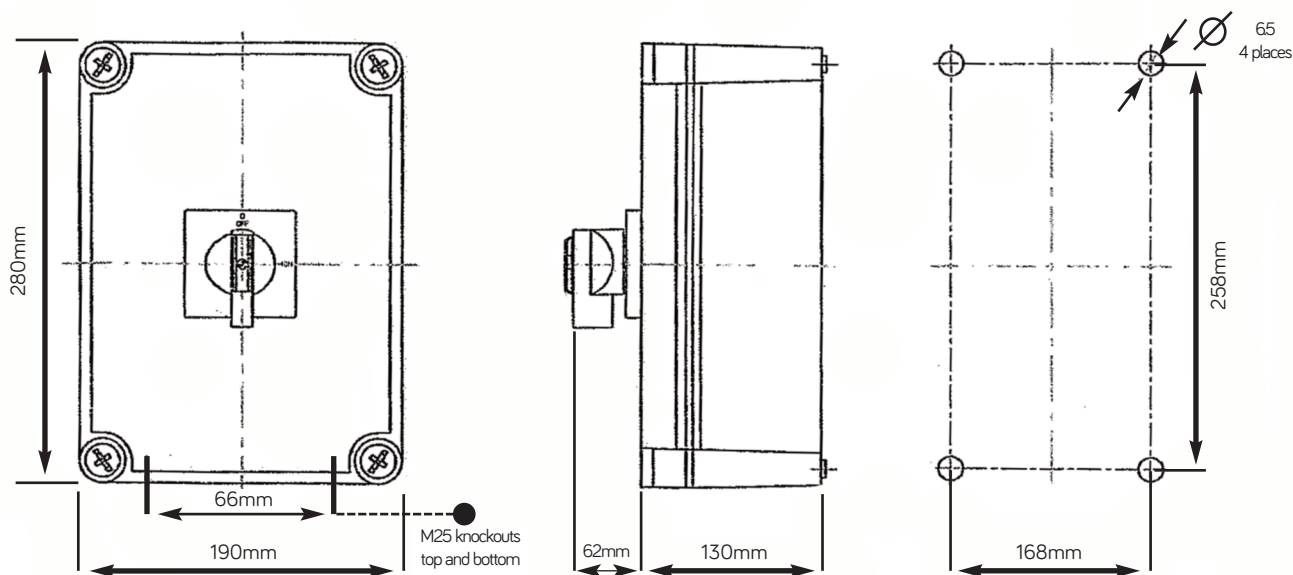
It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all 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	NLSW206PE	NLSW326PE
Rated operational voltage U _e					
IEC & EN		Volts	V	690	690
UL		Volts	V	600	600
Main switch: Isolating voltage up to		Volts	V	750	750
Rated impulse withstand voltage U _{imp}		Volts	kV	6	6
Rated uninterrupted current I _u		Amps	A	25	32
Rated operational current I _e					
IEC & EN	AC-22A	Up to 690V	A	25	32
	AC-21A	Up to 690V	A	32	40
	AC-1	Up to 690V	A	32	40
Rated operational power AC-23A (50-60Hz)					
IEC & EN	3 Phase	230(240)V	kW	11	15
		400(415)V	kW	15	18.5
		690V	kW	22	22
Rated operational power AC-3 (50-60Hz)					
IEC & EN	3 Phase	230(240)V	kW	7.5	11
		400(415)V	kW	11	11
		690V	kW	15	15
UL Power Rating					
DOL	3 Phase	120V	hp	3	3
		240V	hp	7.5	7.5
		480V	hp	15	20
		600V	hp	20	25
	1 Phase	120V	hp	1.5	2
		240V	hp	2	3
UL Short Circuit Ratings					
Fuse rating, class J		Amps	A	45	45
Fuse rating, class RK5		Amps	A	-	-
Rated Fused short circuit current		Amps	kA	10	10
Short Circuit Capacity (IEC)					
Max fuse size (Type gI)		Amps	A	32	32
Rated Fused short circuit current		Amps	kA	30	30
Terminal Specification					
Single/ Multiple strand wire			Min-mm ²	2.5	2.5
			Max-mm ²	10	10
Fine strand with sleeve			Min-mm ²	0.75	0.75
			Max-mm ²	6	6
American wire gauge			AWG	10	10
Recommended Tightening Torque			Nm	17	17

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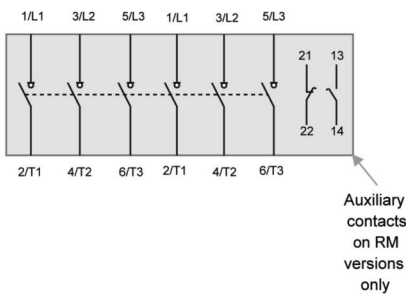


Procedure to dismantle the cover:

- 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: 6 Pole



Technical Data for Auxillary Contacts		
IEC / EN	16A 500V	
AC15	220-240V	6A
	380-440V	4A
Single / multiple strand wire	Minimum mm ²	1.0
	Maximum mm ²	1.5
Recommended tightening torque	Terminals	0.8 Nm
Please Note: * 1N/O Contact is Early Break / Late Make + 1N/C Contact		

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

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Newlec Helpline: 0845 123 6539