# niclon Control \& Automation 

## ENCLPSED SWITCHGEAR

## MILD STEEL ENCLOSED MANUAL CHANGEOVER SWITCH 4 POLE MS400MC-L



400A 4 pole manual changeover switch in a metal enclosure to IP65. Enclosure has separate lock. The switch handle is padlockable and defeatable. Earth studs are fitted and fixing brackets and earth straps are included

General Characteristics

| Standards | BSEN60947-3 |
| :--- | :---: |
| Current Rating at $\mathbf{4 5}^{\circ} \mathbf{C}$ | 400 A |
| Rated Insulation Voltage Ui | 1000 V |
| Maximum Operational Voltage Uemax | 690 V |
| Dielectric Strength at 50Hz 1min | 3.5 kV |
| Rated Impulse Voltage Uimp | 12 kV |
| Rated Operational Current AC-22A at 415V | 400 A |
| Rated Operational Current AC-23A at 415V | 400 A |
| Rated Making Capacity at 415V, 0.35pf AC-23A | 4000 A |
| Rated Breaking Capacity at 415V, 0.35pf AC-23A | 3200 A |
| Defeatable Handle | Accepts 3 Padlocks |
| Weight | 48.3 Kg |
| Terminal Width | 10 mm |
| Terminal Hole $\varnothing$ | 9 mm |
| Electrical Endurance | 1000 ops |
| Mechanical Endurance | 10000 ops |

Enclosure Characteristics

| Standards | BSEN61439-1 |
| :--- | :---: |
| Overall Dimensions HxWxD | $1200 \times 800 \times 300 \mathrm{~mm}$ |
| Degree of Ingress When Fitted | IP65 |
| Construction | 1.2 mm Mild Steel |
| Finish | Epoxy Power Coat |
| Colour | RAL7035 |

Technical Drawing


Wiring Diagram


| Available Accessories |  |
| :--- | :---: |
| 800AUX1/1MC | 1NO/1NC Auxilliary Contact |
| 800AUX2/2MC | 2NO/2NC Auxilliary Contact |
| A4DOCW | A4 Document Wallet |
| MSKL | Cylinder Key Lock |
| DBPL | 3mm Double Bit Padlockable <br> Lock |

## Additional Information

This product is for use by skilled persons or instructed persons. The installation of this product must comply with current IEE regulations. The IP rating of the unit can be compromised if the correct use of glands is not followed. Terminals, including those factory fitted, must be checked for correct tightness before commissioning. All terminals should be periodically checked for correct tightness. The data herein serves only to describe the product and should not be regarded as representing guaranteed properties in the legal sense. We reserve the rights of modificationwhilst every care has been take in ensuring the accuracy of this catalogue, the Supplier accepts no liability whatsoever for any eventuality arising from errors or omissions within its catalogues, brochures or within any online presence.

