

ENCLOSED SWITCHGEAR

COMPACT SWITCH DISCONNECTORS - MILD STEEL MS1003PSFCM



100A 3 pole and neutral switch disconnecter in a compact metal enclosure to IP54. The switch handle is padlockable and defeatable.

General Characteristics

Standards	BSEN 60947-3
Enclosure height	275mm
Enclosure width	275mm
Enclosure depth	180mm
Door opening	120°
Degree of protection	IP54
Rated Insulation Voltage at 50/60Hz	750V
Dielectric Strength	8kV
Rated Impulse Withstand Voltage	12kV
Rated Thermal Current @ 40°C	100A
Rated Operational Current AC-22A up to 550V	100A
Rated Operational Current AC-23A up to 550V	100A (1)
Rated Operational Power AC-23 (2)	55kW
Rated Breaking Capacity AC-23 @ 690V	400kA
Fuse Link Type BS88 (sold separately)	A4
Fuse Link Range in Amps	35 - 100A
Mechanical Endurance	20000
Defeatable Handle	Accepts 3 Padlocks
Weight	7.7 Kg
Terminal Bolt Size	M8 x 25
Terminal Tightening Torque	15...22Nm
Fuse Link Bolt Tightening Torque	M5:3.5/M8:10 Nm
Operating Torque	5 Nm

(1) Utilization category B

(2) The kW ratings are accurate for three phase 1500 rpm standard asynchronous motors

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 modification whilst every care has been taken 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.