

Sentry Switch Disconnectors

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PRODUCT RANGE	
Switch disconnector	Rating
5500s	100A
5560s	63A

Standards and approvals

Sentry switch disconnectors are designed to fully comply with the requirements of BS EN 60947-3.

They feature positive contact status indication in accordance with the 16th edition IEE Wiring Regulations 537-02-03 and 537-03-02. The Sentry switch disconnector may therefore be used as an isolating switch.



Sentry® Switch Disconnectors

Description

The Sentry range offers a choice of switch disconnector rated at either 100A or 63A.

The operating dolly is capable of being locked in either the ON or OFF position. When locked in the ON position it will no longer operate as an isolator. Positive indication of the opening of the contacts is only given when the green stripe can be seen on the dolly.

The terminals are of a tunnel design and offer a generous cable capacity of 50mm² for solid stranded conductors and 35mm² for flexible conductors, on both current ratings.

Category of duty

The Sentry switch disconnector is capable of switching both resistive and inductive loads and has a category of duty of AC22A.

Features

- Meet BS EN and IEE Wiring Regulation requirements
- Choice of current ratings
- Tunnel design terminals for ease of wiring
- Generous cable capacity
- Optional terminal shields available
- Lockable operating dolly
- Make first, break last on neutral



TECHNICAL SPECIFICATION

Electrical

Category of duty:	AC22A
Load type capability:	Both resistive and inductive
Operating voltage:	240V a.c.
Operating frequency:	50Hz
Fault breaking capacity	

Switch current rating	Making capacity (peak)	Short time withstand current (1 second)
63A	3.0 kA	2.0 kA rms
100A	3.0 kA	2.0 kA rms

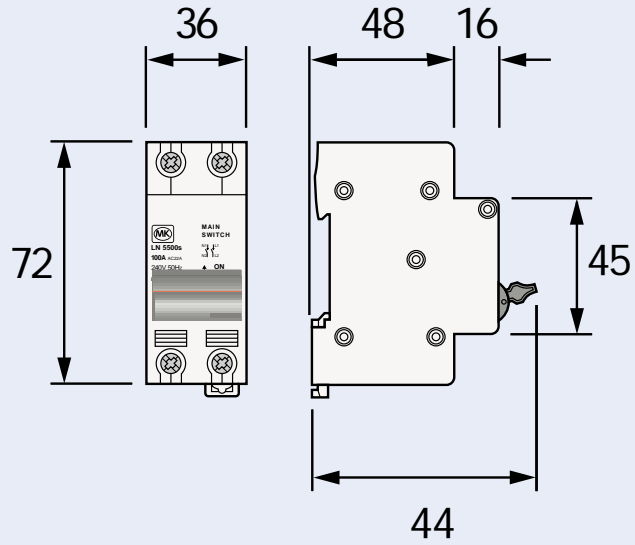
Physical

Ambient operating temperature:
-5°C to +40°C

IP rating:
Front face IP4X, screw IP2X

Max installation altitude:
2000 metres

Dimensions (mm)



Installation

The Sentry switch disconnector is designed to accept both cable-in/cable-out and direct-to-busbar connections.

The terminal screws are touch-proof to IP2X, captive and feature combination heads

Terminal shields

Sealable terminal shields (5595s) are available as an option should full shrouding of screw heads be required.