

Switch Disconnectors

Standards and approvals

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

They all feature positive contact status indication in accordance with the 17th Edition IEE Wiring Regulations (537.2.2.1 and 537.3.2.2).

Technical specification

Electrical

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

	5560s	5500s
Rated operational current I_e	63A	100A
Rated duty	Uninterrupted	Uninterrupted
Rated making capacity I	189A rms	300 rms
Rated breaking capacity I_c	189A rms	300 rms
Rated short time withstand current I_{cw}	2kA rms for 1 sec	2kA rms for 1 sec
Rated short circuit making capacity I_{cm}	3kA peak	3kA peak
Rated conditional short circuit current	6kA rms prospective	6kA rms prospective

Physical

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

IP rating:
Front face IP3X, screw IP2X

Max installation altitude:
2000 metres

Rating specification

Switch disconnector	Rating
5500s	100A
5560s	63A



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.

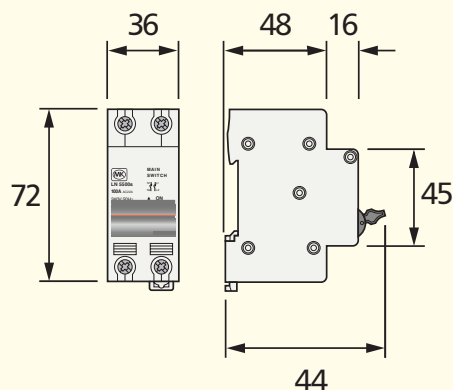
Category of duty

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
- Lockable operating dolly
- Make first, break last on neutral

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.