

MK SENTRY

Switch Disconnectors (SDC)



Description

The MK 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.

Material

Manufactured from PA6 (nylon) and RAL 7035.

Installation

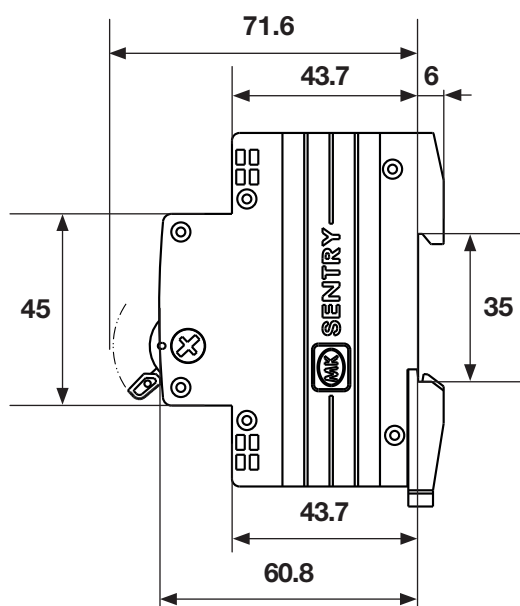
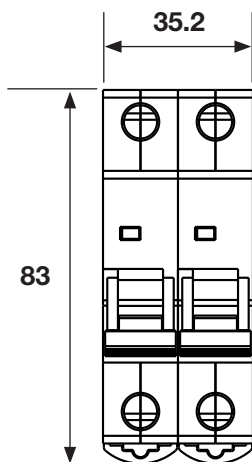
The MK Sentry switch disconnector is designed to accept both cable-in/cable-out and direct-to busbar connections. The terminals are of a tunnel design and offer a generous cable capacity of 50mm² for solid stranded conductors and 35mm² for flexible conductors, on both current ratings.

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

Standards and approvals

MK Sentry switch disconnectors are designed to fully comply with the requirements of BS EN 60947-3. They feature positive contact status indication.

Dimensions (mm)



TECHNICAL SPECIFICATION

ELECTRICAL

CATEGORY OF DUTY
AC22A

LOAD TYPE CAPABILITY
Both resistive and inductive

OPERATING VOLTAGE
240V a.c.

OPERATING FREQUENCY
50Hz

ENVIRONMENTAL IP DEGREE OF PROTECTION
IP20

AMBIENT AIR TEMP FOR OPERATION
(-5~55°C)

AMBIENT AIR TEMP FOR STORAGE
(-25~+70°C)

TERMINAL CAPACITY
50mm²

TIGHTENING TORQUE
3Nm

	H5560S	H5500S
RATED OPERATIONAL CURRENT I _e	100A	63A
RATED DUTY	Uninterrupted	Uninterrupted
RATED MAKING CAPACITY I _c	189A rms	300 rms
RATED SHORT TIME WITHSTAND CURRENT I _{cs}	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 I _{cs}	6kA rms prospective	6kA rms prospective