

MK SENTRY

Switch Disconnectors (SDC)



Description

The MK Sentry range offers a choice of switch disconnector rated at either 125A, 100A or 60A. 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.

TECHNICAL SPECIFICATION

ELECTRICAL

CATEGORY OF DUTY

AC22A

LOAD TYPE CAPABILITY

Both resistive and inductive

OPERATING VOLTAGE

240V a.c.

OPERATING FREQUENCY

50Hz

PHYSICAL

ENVIRONMENTAL IP DEGREE OF PROTECTION

IP20

AMBIENT AIR TEMP FOR OPERATION

(-5 to 55°C)

AMBIENT AIR TEMP FOR STORAGE

(-25 to +70°C)

TERMINAL CAPACITY

50mm²

TIGHTENING TORQUE

3Nm

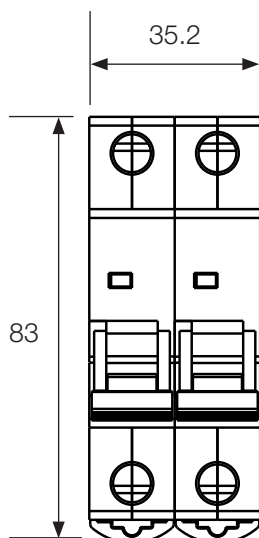
	H5560S	H5500S	H5400S	HA500S H5125S H5525S
RATED OPERATIONAL CURRENT I _{LE}	100A	63A	100A	125A
RATED DUTY	Un-interrupted	Un-interrupted	Un-interrupted	Un-interrupted
RATED MAKING CAPACITY I _C	189A rms	300 rms	300 rms	300 rms
RATED SHORT TIME WITHSTAND CURRENT I _{CS}	2kA rms for 1 sec	2kA rms for 1 sec	2kA rms for 1 sec	2kA rms for 1 sec
RATED SHORT CIRCUIT MAKING CAPACITY I _{CM}	3kA peak	3kA peak	3kA peak	3kA peak
RATED CONDITIONAL SHORT CIRCUIT CURRENT	10kA rms prospective	10kA rms prospective	10kA rms prospective	10kA rms prospective

MK SENTRY

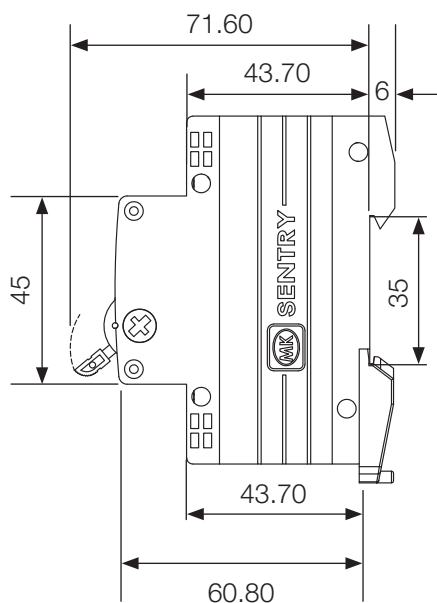
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Dimensions (mm)

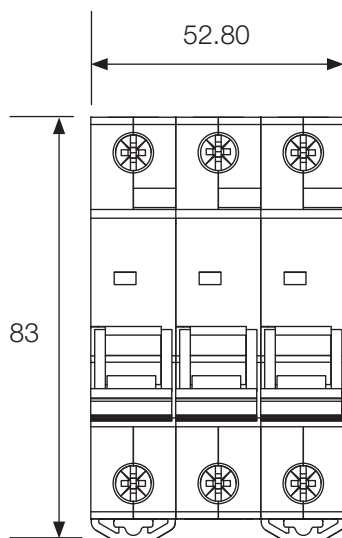
2 module



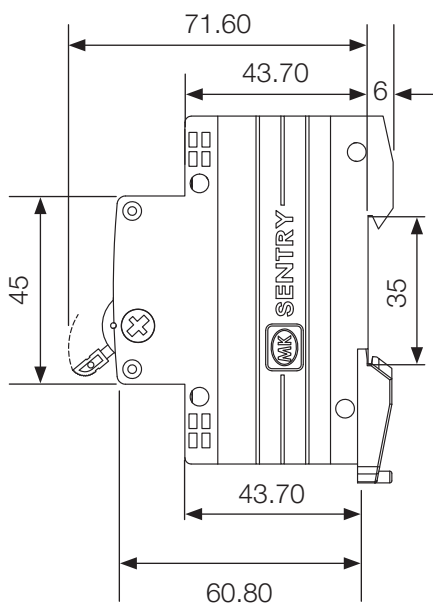
Weight
2 Pole: 0.19kg / 0.20kg packed



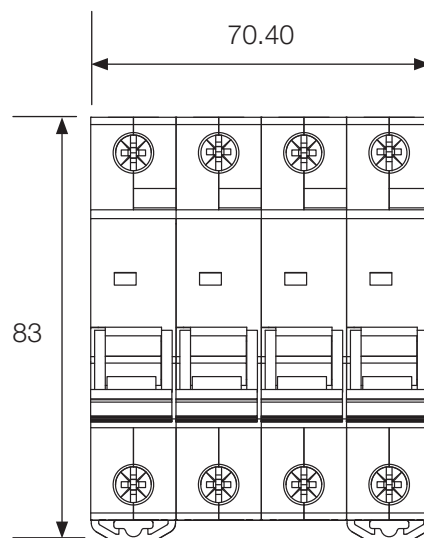
3 module



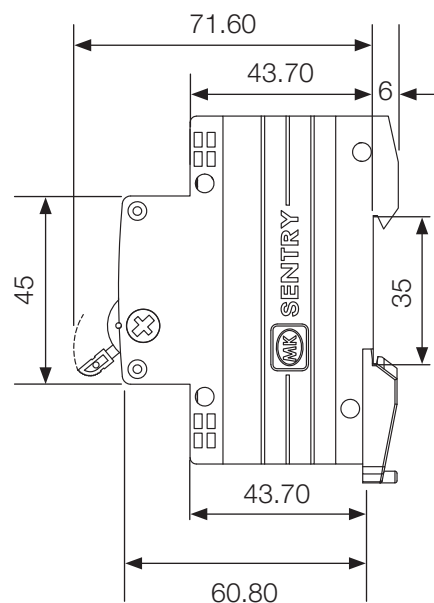
Weight
3 Pole: 0.19kg / 0.21kg packed



4 module



Weight
4 Pole: 0.26kg / 0.28kg packed
3 Pole + N: 0.25kg / 0.27kg packed



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