

MK SENTRY TP&N DISTRIBUTION SOLUTIONS



Sentry



MK SENTRY TP&N DISTRIBUTION RANGE INTRODUCTION



The MK Sentry circuit protection product range has been in production for more than 40 years and through the license agreement its continued supply into the market is guaranteed.

The extensive range complies with the requirements of the wiring regulations and has the same full guarantee as previously received with the offering. The distribution boards are designed to be stylish and integrate with the environment.

In the product design the use of electrical safety is the first design concept with IP3X safety protection level and IK05 product impact protection level.

Manufactured from automotive steel including Akzo Nobel surface treatment, BASF flame retardant plastic materials and T2 copper rod stable temperature rise structure with damping hinge design creating a stylish appearance and excellent product performance.



DISTRIBUTION BOARDS

4-16 way enclosures with and without incoming Switch/RCD/Surge device.

- SECC automotive galvanized steel, with excellent corrosion resistance
- Akzo Nobel plastic powder, surface treatment provides outstanding longevity of aesthetic appearance
- Innovative robust hinge design and positioning allow, the door to be opened at an angle greater than 135°
- Internal components made of VO rated flame retardant plastic
- All products are CB, CE, UKCA certified

COMMERCIAL & INDUSTRIAL INSTALLATIONS



ENCLOSURES

The empty enclosures enable specific configurations to suit required applications with the use of MCB's, RCD's, RCBO's, AFDD's and SPD.



SUPPORTS LATEST BS7671:2018

Full range of products to support compliance with the latest edition of the Wiring Regulations, including full metal non-combustible enclosures.



GUARANTEE

All products are guaranteed for 10 years (excluding SPD's and AFDD's 5 years). Offering all of the key product complete an installation.



SWITCH DISCONNECTOR

Available as 100A and 125A (Category AC22A), in 3P and 4P.



RCD

Available as Type A and B. Current range of 63A-100A and tripping capacity 30-300mA. Breaking capacity 10kA.



MCB

MCB 1P, 2P and 3P. Available as B and C curve. Current range 6A-50A. Breaking capacity of 10kA.



RCBO

Available as B and C MCB curve, RCD Type A. Current range 6A-50A and tripping current 30mA. Breaking capacity 10kA.



SPD (SURGE)

Recommended for all low voltage electrical installations, to prevent the spread of over voltages in the electrical installations and protects the load.



AFDD

Available as B and C MCB curve, RCD Type A. Current range 6A-40A. Breaking capacity of 6kA.

FEATURES AND BENEFITS

Enclosures



ALL ENCLOSURES SUPPLIED WITH KEY OPERATED DOOR LOCK



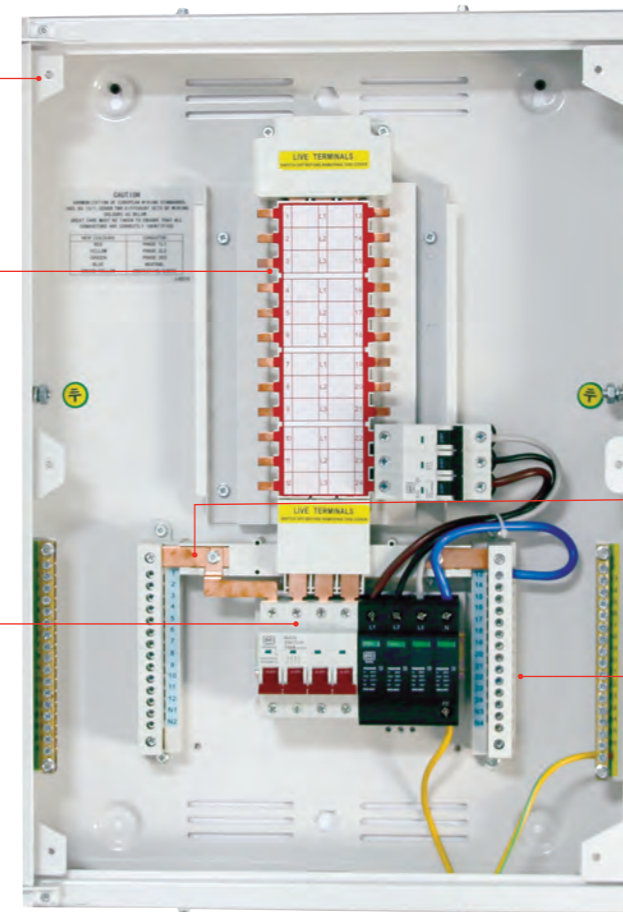
ROBUST REINFORCED HINGE WITH DAMPING ENSURES MAXIMUM OPENING ANGLE (>135°)



STRONG RIVETED COPPER BUSBAR



SURGE PROTECTION DEVICE MOUNTED BESIDE MAIN SWITCH



SHROUDED NEUTRAL TERMINALS



STRONG RIVETED COPPER BUSBAR



EXTENSION BOARD



TP&N Distribution Board

METAL
ENCLOSURE
SURFACE



PART NO.	DESCRIPTION
YT10004	4 WAY TP&N METAL ENCLOSURE
YT10008	8 WAY TP&N METAL ENCLOSURE
YT10012	12 WAY TP&N METAL ENCLOSURE
YT10016	16 WAY TP&N METAL ENCLOSURE
YT10020	4 WAY TP&N DISTRIBUTION BOARD 125A 4P SWITCH & SURGE / 1x 32A B CURVE MCB
YT10021	8 WAY TP&N DISTRIBUTION BOARD 125A 4P SWITCH & SURGE / 1x 32A B CURVE MCB
YT10022	12 WAY TP&N DISTRIBUTION BOARD 125A 4P SWITCH & SURGE / 1x 32A B CURVE MCB
YT10023	16 WAY TP&N DISTRIBUTION BOARD 125A 4P SWITCH & SURGE / 1x 32A B CURVE MCB
YT10024	4 WAY TP&N DISTRIBUTION BOARD 100A 30MA 4P RCD-A
YT10025	8 WAY TP&N DISTRIBUTION BOARD 100A 30MA 4P RCD-A
YT10026	12 WAY TP&N DISTRIBUTION BOARD 100A 30MA 4P RCD-A
YT10027	16 WAY TP&N DISTRIBUTION BOARD 100A 30MA 4P RCD-A
YT10028	4 WAY TP&N DISTRIBUTION BOARD 125A 4P SWITCH / 100A 30MA 4P RCD-A
YT10029	8 WAY TP&N DISTRIBUTION BOARD 125A 4P SWITCH / 100A 30MA 4P RCD-A
YT10030	12 WAY TP&N DISTRIBUTION BOARD 125A 4P SWITCH / 100A 30MA 4P RCD-A
YT10031	16 WAY TP&N DISTRIBUTION BOARD 125A 4P SWITCH / 100A 30MA 4P RCD-A
YT10032	4 WAY TP&N DISTRIBUTION BOARD 125A 4P SWITCH
YT10033	8 WAY TP&N DISTRIBUTION BOARD 125A 4P SWITCH
YT10034	12 WAY TP&N DISTRIBUTION BOARD 125A 4P SWITCH
YT10035	16 WAY TP&N DISTRIBUTION BOARD 125A 4P SWITCH

DIMENSIONS:

	Width	Height	Depth		Width	Height	Depth
4 WAY	452	x 542	x 107mm	12 WAY	452	x 812	x 107mm
8 WAY	452	x 642	x 107mm	16 WAY	452	x 993	x 107mm

Extension Board

METAL
ENCLOSURE
SURFACE



PART NO.	DESCRIPTION
YT10001	TP&N EXTENSION BOARD (15 WAY)
YT10036	TP&N EXTENSION BOARD 125A 4P SWITCH
YT10037	TP&N EXTENSION BOARD 125A 4P SWITCH & SURGE / 1x 32A B CURVE MCB

DIMENSIONS:

	Width	Height	Depth
	452	x 354	x 107mm



Switch Disconnectors

THREE/FOUR MODULE



PART NO.	DESCRIPTION
H5125s	125A 400V 4 POLE
H5525s	125A 400V 3 POLE
H5400s	100A 400V 4 POLE
HA5005	125A 400V 3 POLE & SOLID NEUTRAL

DIMENSIONS:

	Width	Height	Depth
3 MODULE	54	x 83	x 67mm
4 MODULE	72	x 83	x 67mm

CABLE CAPACITY: 50mm²

Surge Device

FOUR MODULE



PART NO.	DESCRIPTION
HA5001	Surge protection device Type 2
H6820S-1	Neutral replacement cartridge
H6820S-2	Line replacement cartridge
HA5004	Surge protection device with 3P 32A MCB



DIMENSIONS:

	Width	Height	Depth
4 MODULE	72	x 83	x 67mm

CABLE CAPACITY: 50mm²

MCBs Single Pole 10kA

B CURVE
ONE MODULE



PART NO.	DESCRIPTION
H5972s	6A 230V
H5973s	10A 230V
H5974s	16A 230V
H5975s	20A 230V
H5976s	25A 230V
H5977s	32A 230V
H5978s	40A 230V
H5979s	50A 230V

MCBs Single Pole 10kA

C CURVE
ONE MODULE



PART NO.	DESCRIPTION
H8772s	6A 230V
H8773s	10A 230V
H8774s	16A 230V
H8775s	20A 230V
H8776s	25A 230V
H8777s	32A 230V
H8778s	40A 230V
H8779s	50A 230V

DIMENSIONS: 83 x 18 x 67mm

CABLE CAPACITY: 25mm²

BREAKING CAPACITY: 10kA



MCBs Double Pole 10kA

B CURVE
TWO MODULE



PART NO.	DESCRIPTION
H5972D	6A 230V/400V
H5973D	10A 230V/400V
H5974D	16A 230V/400V
H5975D	20A 230V/400V
H5976D	25A 230V/400V
H5977D	32A 230V/400V
H5978D	40A 230V/400V
H5979D	50A 230V/400V

MCBs Triple Pole 10kA

B CURVE
THREE MODULE



PART NO.	DESCRIPTION
H5972T	6A 230V/400V
H5973T	10A 230V/400V
H5974T	16A 230V/400V
H5975T	20A 230V/400V
H5976T	25A 230V/400V
H5977T	32A 230V/400V
H5978T	40A 230V/400V
H5979T	50A 230V/400V

RCBOs Single Pole 10kA

B CURVE
ONE MODULE



PART NO.	DESCRIPTION
H7732s	6A 230V, 30mA Tripping Current
H7733s	10A 230V, 30mA Tripping Current
H7734s	16A 230V, 30mA Tripping Current
H7735s	20A 230V, 30mA Tripping Current
HA9007	25A 230V, 30mA Tripping Current
H7736s	32A 230V, 30mA Tripping Current
H7737s	40A 230V, 30mA Tripping Current
H7738s	50A 230V, 30mA Tripping Current

AFDDs Double Pole 6kA Type A

B CURVE
ONE MODULE



PART NO.	DESCRIPTION
H4406s	6A 230V, 30mA Tripping Current
H4410s	10A 230V, 30mA Tripping Current
H4416s	16A 230V, 30mA Tripping Current
H4420s	20A 230V, 30mA Tripping Current
H4432s	32A 230V, 30mA Tripping Current
H4440s	40A 230V, 30mA Tripping Current

MCBs Double Pole 10kA

C CURVE
TWO MODULE



PART NO.	DESCRIPTION
H8772D	6A 230V/400V
H8773D	10A 230V/400V
H8774D	16A 230V/400V
H8775D	20A 230V/400V
H8776D	25A 230V/400V
H8777D	32A 230V/400V
H8778D	40A 230V/400V
H8779D	50A 230V/400V

MCBs Triple Pole 10kA

C CURVE
THREE MODULE



PART NO.	DESCRIPTION
H8772T	6A 230V/400V
H8773T	10A 230V/400V
H8774T	16A 230V/400V
H8775T	20A 230V/400V
H8776T	25A 230V/400V
H8777T	32A 230V/400V
H8778T	40A 230V/400V
H8779T	50A 230V/400V

RCBOs Single Pole 10kA

C CURVE
ONE MODULE



PART NO.	DESCRIPTION
H7740s	6A 230V, 30mA Tripping Current
H7741s	10A 230V, 30mA Tripping Current
H7742s	16A 230V, 30mA Tripping Current
H7743s	20A 230V, 30mA Tripping Current
HA9008	25A 230V, 30mA Tripping Current
H7744s	32A 230V, 30mA Tripping Current
H7745s	40A 230V, 30mA Tripping Current
H7746s	50A 230V, 30mA Tripping Current

C CURVE
ONE MODULE



PART NO.	DESCRIPTION
H4506s	6A 230V, 30mA Tripping Current
H4510s	10A 230V, 30mA Tripping Current
H4516s	16A 230V, 30mA Tripping Current
H4520s	20A 230V, 30mA Tripping Current
H4532s	32A 230V, 30mA Tripping Current
H4540s	40A 230V, 30mA Tripping Current

DIMENSIONS:	116 x 18 x 67mm
CABLE CAPACITY:	Live in 25mm ² Live Out 10mm ² Neutral Out 10mm ²
BREAKING CAPACITY:	6kA

DIMENSIONS:	83 x 36 x 67mm
CABLE CAPACITY:	25mm ²
BREAKING CAPACITY:	10kA

DIMENSIONS:	83 x 54 x 67mm
CABLE CAPACITY:	25mm ²
BREAKING CAPACITY:	10kA

DIMENSIONS:	114 x 18 x 67mm
CABLE CAPACITY:	Live in 25mm ² Neutral in 25mm ² Live out 10mm ² Neutral out 10mm ²
BREAKING CAPACITY:	10kA



RCD 4 Pole 10kA TYPE A

FOUR MODULE

PART NO.	DESCRIPTION
H6663s	63A 230, 400V 30mA Tripping Current
HA3019	80A 230, 400V 30mA Tripping Current
HA3025	RCD 100A 230/400V 30mA Tripping Current
HA3026	RCD 100A 230/400V 100mA Tripping Current
HA3027	RCD 100A 230/400V 300mA Tripping Current

RCD 4 Pole 10kA TYPE B

FOUR MODULE

PART NO.	DESCRIPTION
H3034s	63A 230, 400V 30mA Tripping Current

DIMENSIONS:	83 x 72 x 67mm
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Contactors One Pole

ONE MODULE

PART NO.	DESCRIPTION
HA8001	20A 230/415V 1 POLE
HA8002	25A 230/415V 2 POLE

DIMENSIONS:	85 x 18 x 68mm
CABLE CAPACITY:	1.5 - 2.5mm ²

Contactors Two Pole

TWO MODULE

PART NO.	DESCRIPTION
HA8020	32A 230/415V 2 MODULE 2 POLE
HA8009	40A 230/415V 2 MODULE 2 POLE
HA8005	63A 230/415V 2 MODULE 2 POLE

DIMENSIONS:	85 x 36 x 68mm
CABLE CAPACITY:	6-25mm ²

Contactors Three Pole

THREE MODULE

PART NO.	DESCRIPTION
HA8007	63A 230/415V 3 MODULE 3 POLE
HA8024	40A 230/415V 3 MODULE 4 POLE
HA8006	63A 230/415V 3 MODULE 4 POLE

DIMENSIONS:	85 x 54 x 68mm
CABLE CAPACITY:	1.5-2.5mm ² , 6-25mm ²

Connectors

TWO MODULE

PART NO.	DESCRIPTION
HA7005	100A 2 POLE
HA7008	125A 2 POLE

DIMENSIONS:	85 x 36 x 68mm
CABLE CAPACITY:	25mm ²

THREE MODULE

PART NO.	DESCRIPTION
HA7006	100A 3 POLE
HA7009	125A 3 POLE

DIMENSIONS:	85 x 54 x 68mm
CABLE CAPACITY:	25mm ²

FOUR MODULE

PART NO.	DESCRIPTION
HA7007	100A 4 POLE
HA7010	125A 4 POLE

DIMENSIONS:	85 x 72 x 68mm
CABLE CAPACITY:	25mm ²

Accessories

PART NO.	DESCRIPTION
HA7012	BUSBAR END CAPS

PART NO.	DESCRIPTION
HA7013	SINGLE PHASE FORK 125A

PART NO.	DESCRIPTION
HA7001	DIN RAL MOUNTED BLANK

PART NO.	DESCRIPTION
HA7011	METAL BLANK

PART NO.	DESCRIPTION
H5545SWHI	ABS BLANK





Greenbrook Electrical

West Road, Harlow,
Essex, CM20 2BG
United Kingdom
Phone: 01279 772700
Email: info@greenbrook.co.uk
www.mksentrycircuitprotection.co.uk

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