

# Protecting HOME ASSETS





RESIDENTIAL CIRCUIT PROTECTION



# Protect and distribute

European made, HPM's **NEW** range of circuit protection covers all residential switchboard needs. Every product in the range features a unique transparent label holder, making circuit identification easy under any circumstance. The high quality range includes: MCBs, RCDs, RCBOs, DIN-main switches and Time Switches.

## Technical data

MCBs	
Specification	AS/NZS 60898
Number of poles	1P for 4.5kA
	1,2,3P for 6kA
Characteristic	6 to 63A - C
Breaking Capacity	4.5kA & 6kA according to AS/NZS 60898
Rated voltage	240/415V~
Frequency	50 to 60 Hz
Fixing	Snap fixing on standard DIN rail profile EN 50 022 - 35 x 7.5 Surface mounting with two screws
Maximum cable size	Top/bottom 1 to 35mm <sup>2</sup> for rigid cable Top/bottom 1 to 25mm <sup>2</sup> for flexible standard cable
Mechanical endurance	20,000 operation
Electrical endurance	10,000 operation (cos $\phi$ = 0.85 to 0.9)
Permissible ambient temp	Maximum +55°C Minimum -50°C
Protection	IP20

RCDs	
Standards	AS/NZS 61008
2-Pole	2-modules, 240V~
4-Pole	4-modules, 240/415V~
Sensitivity	30mA
Symbol AC type	
Symbol A type	
Protection	IP20

RCBO's	
Standards	AS/NZS 61009
2-Pole	2-modules, 240V~
Sensitivity	30mA
Symbol AC type	
Symbol A type	
RCD sensitivity	30mA
MCB	C-CURVE, 240V~
Breaking capacity	6kA
Protection	IP20



## Features

- European made
- Unique labeling feature
- Padlock support
- IP20
- Channels on both sides of pole for better air circulation
- Bi-connect, large cable terminals
- Grey handle without thermal magnetic protection and black handle with thermal magnetic protection
- Two types of busbars - fork and pin type
- 2 dual position din rail clamps - a device can easily be changed without disturbing the existing wiring
- Self-lifting terminal screws for easy termination of busbar

### Bi-connect terminals



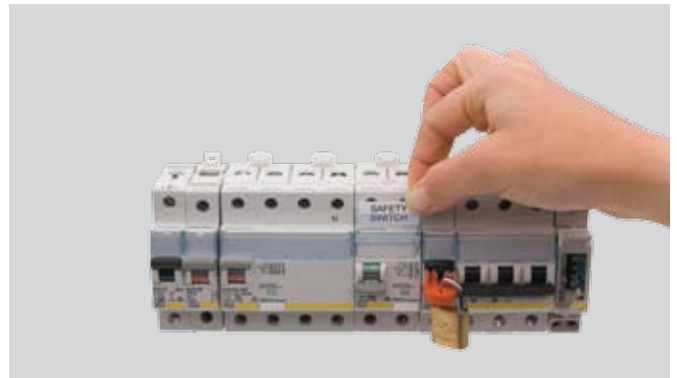
You have the choice of using either a busbar or cable to make connections. Further, both the upper and lower terminals of MCBs are bi-connect types thus providing ultimate flexibility.

### Time switches



Din mounted compact daily and weekly time switches. The weekly unit features a 5-way switch allowing very easy operation and programming

### Transparent label holder



An innovative circuit marking system identifies a circuit even after the shield of the distribution board is removed, ensuring circuit identification under any circumstance.

### Padlock support



These devices can be locked in ON and OFF position to prevent unauthorised operation.

## Modern and modular electrical protection and distribution systems

HPM has a new range of products, which conforms to the latest national and international standards and is built to meet all your installation needs.

This system consists of new MCBs, RCBOs, RCDs and Time Switches, which can be mounted side-by-side in a distribution board.

All the modular products in this range are designed in multiples of 17.5mm width, 66mm in depth and a shoulder height of 44mm. This results in total flexibility of mounting any device within a distribution board.

### Four important points:

- Safety
- Simplicity
- Flexibility
- Unique labelling feature with pre-cut labels

Single pole MCB-230/400V-4.5kA, C-CURVE			
NEW CAT.No	Rating (A)	17.5mm modules	
 HL4106	6	1	
HL4110	10	1	
HL4116	16	1	
HL4120	20	1	
HL4125	25	1	
HL4132	32	1	
HL4140	40	1	
HL4150	50	1	
HL4163	63	1	

Double pole MCB 230/400V-6KA, C-CURVE			
NEW CAT.No	Rating (A)	17.5mm modules	
 HL6206	6	2	
HL6210	10	2	
HL6216	16	2	
HL6220	20	2	
HL6225	25	2	
HL6232	32	2	
HL6240	40	2	
HL6250	50	2	
HL6263	63	2	

Single pole MCB-230/400V-6kA, C-CURVE			
NEW CAT.No	Rating (A)	17.5mm modules	
 HL6106	6	1	
HL6110	10	1	
HL6116	16	1	
HL6120	20	1	
HL6125	25	1	
HL6132	32	1	
HL6140	40	1	
HL6150	50	1	
HL6163	63	1	

Triple pole MCB 230/400V-6kA, C-CURVE			
NEW CAT.No	Rating (A)	17.5mm modules	
 HL6306	6	3	
HL6310	10	3	
HL6316	16	3	
HL6320	20	3	
HL6325	25	3	
HL6332	32	3	
HL6340	40	3	
HL6350	50	3	
HL6363	63	3	

### 2-POLE RCBO'S, C-CURVE, TYPE AC

NEW CAT.No	Rating (A)
 HLRCB030-206	6A, 2P, AC, 30m RCBO
HLRCB030-210	10A, 2P, AC, 30mRCBO
HLRCB030-216	16A, 2P, AC, 30mA RCBO
HLRCB030-220	20A, 2P, AC, 30mA RCBO
HLRCB030-225	25A, 2P, AC, 30mA RCBO
HLRCB030-232	32A, 2P, AC, 30mA RCBO
HLRCB030-240	40A, 2P, AC, 30mA RCBO


### 2-POLE RCBO'S, C-CURVE, TYPE A

NEW CAT.No	Rating (A)
 HLARCB030-206	6A, 2P, A, 30mA RCBO
HLARCB030-210	10A, 2P, A, 30mA RCBO
HLARCB030-216	16A, 2P, A, 30mA RCBO
HLARCB030-220	20A, 2P, A, 30mA RCBO
HLARCB030-225	25A, 2P, A, 30mA RCBO
HLARCB030-232	32A, 2P, A, 30mA RCBO
HLARCB030-240	40A, 2P, A, 30mA RCBO

### 2-POLE RCD'S, TYPE AC-ELECTRESAFE

NEW CAT.No	Rating (A)
 HLRCD30-225	25A, 2P, AC, 30mA
HLRCD30-240	40A, 2P, AC, 30mA
HLRCD30-263	63A, 2P, AC, 30mA
HLRCD30-280	80A, 2P, AC, 30mA

### DIN TYPE-MAIN SWITCHES

NEW CAT.No	Rating (A)
 HLS163	63A, 1 Pole, 240V~ Isolating switch
HLS1100	100A, 1 Pole, 240V~ Isolating switch
HLS363	63A, 3 Pole, 415V~ Isolating switch
HLS3100	100A, 3 Pole, 415V~ Isolating switch

### 2-POLE RCD'S TYPE A-ELECTRESAFE

NEW CAT.No	Rating (A)
 HLARCD30-225	25A, 2P, A, 30mA
HLARCD30-240	40A, 2P, A, 30mA
HLARCD30-263	63A, 2P, A, 30mA


### DIN TYPE TIME SWITCHES

NEW CAT.No	Rating (A)
 HL03730	24-Hours time switch, 1 channel analogue, 240V~
HL03705	Weekly time switch, 1 channel digital, 240V~

### 4-POLE RCD'S, TYPE AC-ELECTRESAFE

NEW CAT.No	Rating (A)
 HLRCD30-425	25A, 4P, AC, 30mA
HLRCD30-440	40A, 4P, AC, 30mA
HLRCD30-463	63A, 4P, AC, 30mA
HLRCD30-480	80A, 4P, AC, 30mA

### ACCESSORIES

NEW CAT.No	
 04442	Padlock support
HMCBL	MCB/RCD/RCBO pre-cut label

## Enclosures

### HEE surface mounting enclosures



Cat No.	Dimensions
HEE9S	214mmH x 225mmW x 103mmD
HEE12S	214mmH x 279mmW x 103mmD
HEE18S	214mmH x 387mmW x 104mmD
HEE 24S	407mmH x 279mmW x 113mmD

### HEE flush mounting enclosures



Cat No.	Dimensions
HEE9F	265mmH x 268mmW x 96mmD
HEE12F	265mmH x 322mmW x 96mmD
HEE18F	265mmH x 430mmW x 98mmD
HEE 24F	402mmH x 322mmW x 95mmD



Refer to your group buying office, HPM Legrand Sales Representative or HPM Legrand Sales Office for pricing.

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