

CHINT

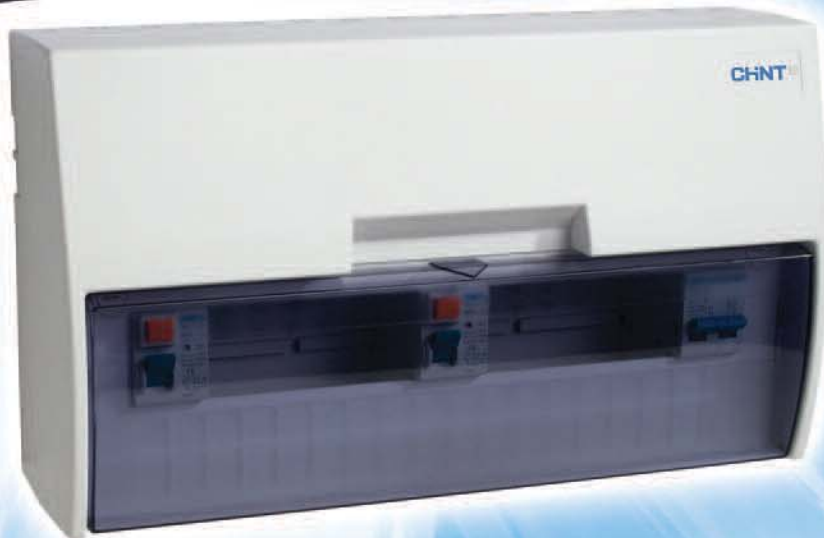
CHINT EUROPE (UK) LTD



Chint Consumer Units and the 17th Edition

New Chint 17th Edition Products

- Various Configurations
- MCBs UK Approved by ASTA
- Up to 18 Modules



THE WORLD APPROVED MANUFACTURER

Chint Dual Split Load Units

NX2-18DSL



18 Module Consumer Unit supplied complete with 2* 63A, 2 Pole RCDs, 1* 100A Isolator and 2* 6 module Bus Bars. This model allows a maximum of 12 MCB modules to be fitted, 6 on each RCD.

Chint NX2-18DSL-A Dual RCD Split Load Units

TYPICAL CONFIGURATION:

	Cooker	Kitchen Sockets	Immersion Heater	Downstairs Lights						Upstairs Lights	Upstairs Sockets	Shower	Downstairs Sockets	
30mA RCD	40A MCB	32A MCB	16A MCB	6A MCB	SPARE	SPARE	30mA RCD	SPARE	SPARE	6A MCB	32A MCB	32A MCB	32A MCB	MAIN ISOLATOR

Two Sections each protected by a 30mA RCD with mains switch

NX2-18A



18 Module Consumer Unit supplied complete with a 100A Isolator, 1* 80A RCD and 2* 7 module Bus Bars. This allows half of the board to be controlled through the RCD and the other half with individual SP RCBOs.

Chint NX2-18A Dual Split Load Units

TYPICAL CONFIGURATION:

	Cooker	Kitchen Sockets	Immersion Heater	Downstairs Lights	Burglar Alarm					Upstairs Lights	Bathroom Lights	Shower	Upstairs Sockets	Downstairs Sockets	
30mA RCD	40A MCB	32A MCB	16A MCB	6A MCB	6A MCB	SPARE	SPARE	SPARE	SPARE	6A RCBO	6A RCBO	32A RCBO	32A RCBO	32A RCBO	MAIN ISOLATOR

One RCD protected section with MCBs and RCBOs with mains switch

NX2-14A



14 Module Consumer Unit supplied complete with a 100A Isolator, 1* 80A RCD and 2* 5 Module Bus Bars. This allows one half of the board to be controlled through the RCD and the other half with individual SP RCBOs.

Chint NX2-14A Split Load Units

TYPICAL CONFIGURATION:

	Shower	Cooker	Immersion Heater	Downstairs Lights	Upstairs Lights	Outside Lights	Burglar Alarm	Kitchen Sockets	Downstairs Sockets	Upstairs Sockets	
30mA RCD	40A MCB	32A MCB	16A MCB	6A MCB	6A MCB	6A RCBO	6A RCBO	32A RCBO	32A RCBO	32A RCBO	MAIN ISOLATOR

One RCD protected section with MCBs and RCBOs with mains switch

NX2-14M



14 Module Consumer Unit supplied complete with 100A Isolator and 1* 12 module Bus Bar allowing a maximum of 12 SP RCBOs to be fitted next to the Isolator.

Chint NX2-14M, 100A Isolator Controlled Units

TYPICAL CONFIGURATION:

	Upstairs Lights	Downstairs Lights	Outside Lights	Burglar Alarm	Immersion Heater	Kitchen Sockets	Upstairs Sockets	Cooker	Downstairs Sockets	Shower	
SPARE	SPARE	6A 30mA RCBO	6A 30mA RCBO	6A 30mA RCBO	6A 30mA RCBO	16A 30mA RCBO	32A 30mA RCBO	32A 30mA RCBO	32A 30mA RCBO	32A 30mA RCBO	MAIN ISOLATOR

RCBOs section with mains switch



Circuit Protection and the 17th Edition of the IEE Regulations

With the introduction of the 17th edition major changes come in to force, particularly in the area of Earth Leakage Protection. The following can only be a summary, full and detailed information should be obtained from the regulations.

Installations should be so designed as to offer proper circuit discrimination so as to ensure maximum safety/convenience in the event of 1 circuit failure, this is particularly important in the case of lighting circuits.

Summary

- **Regulation 411.3.3:**
All socket outlets meant for use by an ordinary person with a rated current not exceeding 20Amps should be protected by a 30mA RCD.
- **Regulation 701.411.3.3:**
All circuits in a room with a fixed bath or shower should be protected by 1 or more 30mA RCDs.
- **Regulation 522.6.6, 522.6.7 and 522.6.8:**
All cables buried beneath the plaster surface of a wall at less than 50mm should be protected by 30mA RCDs.
- **Regulation 411.3.3:**
All cables installed in metal stud partition walls should be protected by 30mA RCDs.

The following summary table refers to additional protection, generally this is additional to MCBs – Fuses, i.e., earth leakage protection. Today SP RCBOs are seen as a convenient method of offering both overload and Earth leakage protection from one device.

Summary Table

REGULATIONS	RELATING TO:	EXAMPLES	ADDITIONAL PROTECTION
411.3.3	Sockets up to 20A rating for general use by ordinary persons	<ul style="list-style-type: none"> • Upstairs Sockets • Downstairs Sockets • Kitchen Sockets • Cooker Outlet with Integral 13A Socket • Garage Sockets • Plus any other sockets up to 20A rated 	30mA RCD
701.411.3.3	All circuits in a room with a fixed bath or shower	<ul style="list-style-type: none"> • Shower Circuit • Lighting Circuit • Heating Circuit • Ventilation Circuit • Shaver Socket • Plus other circuits 	30mA RCDs
522.6.6 522.6.7 and 522.6.8	All circuits buried in a wall or partition at less than 50mm and without mechanical protection	<ul style="list-style-type: none"> • Downstairs Lighting • Upstairs Lighting • Immersion Heater • Burglar Alarm • Smoke Alarms 	30mA RCD