



IMPORTANT INFORMATION

This unit should be installed by a qualified competent person in accordance with all relevant legislation and regulations including building regulations and wiring regulations BS7671. If in doubt contact a qualified competent person.

- Turn off all power supplying this equipment before working on or inside the equipment.
- Always use a properly rated volt-sensing device to confirm the power is off.
- Replace all devices, doors and covers before turning on the power to this equipment.
- To avoid ingress of swarf and similar material, always remove gland plates to allow cutting/slotting for cable entries.

Failure to follow these instructions could result in serious injury or death.

DO NOT USE POWER TOOL SCREWDRIVERS ON ELECTRICAL CONNECTIONS

Caution

Due to their module width Crabtree MCBs prefixed 60B, 60C or 60D are unsuitable for mounting in the POLESTAR COMPACT Distribution Boards, e.g. 60B/06, 60C/06 & 60D/06.

Due to their module width Crabtree RCBOs prefixed 602C are unsuitable for mounting in the POLESTAR COMPACT Distribution Boards, e.g. 602C/063.

On dual RCCB split load units 18PSC10/S413A, /S513A and /S613A a derating factor of 0.95 should be applied to both RCCBs.

- Please note the 702 series of RCBO has an unswitched neutral (i.e. a solid neutral).

• Device	Max. Cable Capacity	Recommended tightening torque
Main Switch / RCD	50 mm ²	2.3 Nm
MCB	25 mm ²	2.3 Nm
RCBO	Outgoing connection – 16 mm ²	2.0 Nm
	Busbar connection	2.5 Nm
Earth & neutral terminals	16 mm ²	1.7 Nm

Use No.2 Pozidrive bit.

INSTALLATION

- Remove the front cover complete with the hinged door.
- Secure the box to the wall using the holes provided.
- Connect supply cables to the top incomer terminals and connect all outgoing wiring to the relevant MCB, neutral and earth bar terminals.

Installation of MCBs

- Ensure supply is switched off.
- Only Crabtree 16kA rated MCBs can be used in Crabtree POLESTAR COMPACT Distribution Boards e.g. 70B/06-63, 70C/06-63, 70D/06-63
- Fully slacken all MCB terminal screws.
- Push MCB onto appropriate busbar outgoing way
- Fully tighten busbar connections to recommended torque marked on MCB

Installation of RCBOs

- Ensure supply is switched off.
- Only Crabtree 16kA rated RCBOs can be used in the Crabtree POLSTAR COMPACT Distribution Boards e.g. 702C/063, 702C/103, 702C/163, 702C/203, 702C/323, 702C/403, 702C/503.
- Fully slacken all RCBO busbar terminal screws.
- Push RCBO onto appropriate busbar outgoing way.
- Fully tighten busbar connections to a recommended torque of device
- Connect RCBO neutral lead to appropriate numbered terminal on the neutral terminal bar.
- Ensure both live and neutral outgoing cables are terminated on the RCBO outgoing terminals.
- Connect white functional earth lead to appropriate terminal on earth terminal bar.

NOTE: Cage type terminals are used in these devices. Ensure the terminals are opened fully before inserting cables (suitable for copper cables only).

EARTHING

The incoming earth terminal assembly will accept a 25mm² cable.

KNOCKOUTS

Knockouts are provided on all sides and in the base of the box. These can be removed by tapping out from the inside of the box.

NOTE

Before fitting the front cover, check the tightness of all connections, including factory made connections.

DOLLY LOCKING DEVICE

Cat. No. MCBLD for MCB's to suit up to 4mm hasp padlock is available.

DOOR HANDLE

The door handle can readily be replaced with a key lock, Cat. No. 16CL. Fitting instructions are supplied with each lock.

SPARE WAYS

Blanking pieces **MUST** be fitted in all unused outgoing ways. The following are available: -
 CLIP IN BLANK – CSBC or 18PSCBP1/6.
 SINGLE MODULE MCB Size – 18PSCMBP1