

Installation Instructions for NH4PINKIT



SAFETY NOTES.

- This equipment must be installed and serviced only by qualified electrical personnel.
- Isolate and secure all power supplying equipment prior to working on or inside.
- Always use a properly rated voltage-sensing device to confirm power is 'OFF'.
- Replace all devices, doors and covers before reconnecting power to equipment.
- To avoid ingress of swarf or similar material, always remove gland plates to allow cutting/ slotting for cable entries to be effected remote from the distribution board's installation position.
- DIN form shroud **MUST** be fitted (See 11)

Failure to observe the above could result in serious injury or even death

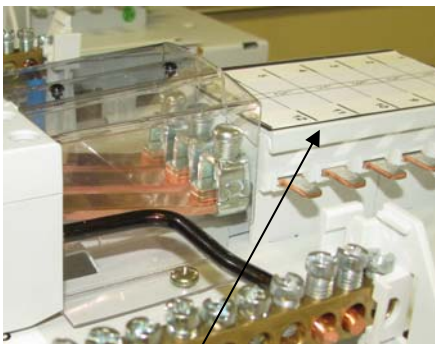


Fig.1

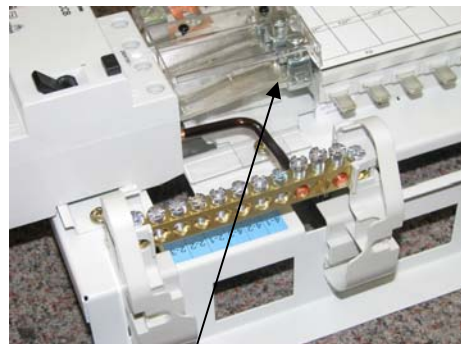


Fig.2



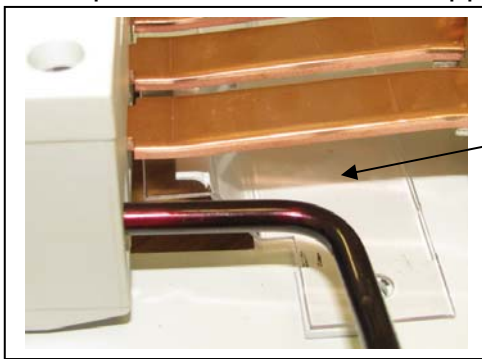
Old style
baseplate,
links fit under
busbar and
crank up to
device



New style
baseplate, links
fit on top of
busbar and
crank down to
device

1. Fit Din Rail to RCD / Isolator. Ensure Device is in the 'OFF' or 'OPEN' position.
2. Fit the three live links to the RCD / Isolator phase terminals and tighten to hold. See Figs 1& 2 and notes on link fitting
3. Fit the insulated neutral link to the RCD / Isolator Neutral terminal and tighten to hold.
For new type baseplate use short link
For old type baseplate use longer link
4. Fit three fully opened terminal 'cage' clamps loosely over the other end of the live links.
5. If fitted remove right hand side mcb support plate.
6. Offer the RCD / Isolator towards its final position, fitting the free end of the insulated neutral link into the neutral terminal bar (position shown in photograph) and finger tighten.

7. Position the Din Rail so that the live links fit above or below (see 2) the busbar extension stubs and then tighten the 'cage' clamps to hold.
8. Fix the Din Rail to the pan assembly baseplate using the pre-punched holes and screws provided.
9. **Remove** main incoming, neutral terminal 'cage' clamp, the 'N' label and copper link connecting it to the terminal bar. These are no longer required.
10. With all links aligned, fully tighten **all** fasteners and connections to the correct torques as shown in the table below, **including factory fitted ones**.
11. Position mcb supports (if supplied)
VERY IMPORTANT! Slide DIN form shroud into place
 Line up screw holes with mcb support plates.
 Position link shroud into place over links.
 Line up all shroud holes and supports, screw down with screws provided.



Clear poly-carbonate
DIN form shroud

12. Affix the L1, L2 and L3 labels into position

Note

- Before fitting all shields and the front cover, check the tightness of **all** connections, including factory made connections.

DO NOT USE POWER TOOL SCREWDRIVERS ON ELECTRICAL CONNECTIONS

TERMINAL	Max Cable Capacity	TORQUE Nm
Terminal bar screws	16mm ²	1.7Nm
Terminal cage screws (Bottom of Busbar)	N/A	6Nm
Terminal screws (Top of RCD / Isolator)	N/A	2.3Nm
Terminal screws (Bottom of RCD / Isolator)	50mm ²	2.3Nm



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