

# THOR TECHNOLOGIES HARD WIRE PRODUCT DRM95-30A CONNECTION GUIDE



## **DISCLAIMER:**

THIS GUIDE HAS BEEN COMPILED AS A CONNECTION GUIDE **ONLY** FOR 'THOR TECHNOLOGIES' HARDWIRE PRODUCT DRM95-30A

**IT IS NOT A GUIDE OR INSTRUCTION** FOR THE CONFIGURATION / ORIENTATION OF A SWITCHBOARD OR ANY OF THE FITTINGS USED THEREIN ... DUE TO THE VARIETY OF FITTINGS USED SOME FITTINGS MAY BE DRAWN BASED ON A REVERSED CONFIGURATION AS SUPPLIED BY A MANUFACTURER. AS TO THE ORIENTATION OF THE ... SW... CCBŭ RCDŭ RCBOŭ ETCŭ WHICH MAY VARY BETWEEN STATES AND TERRITORIES. **THE IMPORTANT PARTS ARE THE HIGHLIGHTED WIRING FOR THE 'THOR TECHNOLOGIES HARDWIRE PRODUCTS' DRM95-30A ... DRM95-20A AND CM90**

**ALL WIRING MUST BE CARRIED OUT BY A LICENCED ELECTRICIAN AND ALL WORK IS SUBJECT TO REGULATIONS IN EACH STATE AND TERRITORY**

ALL DRAWINGS SUBJECT TO CHANGE WITHOUT NOTICE

## THE FOLLOWING DRAWINGS COVER VARIOUS WAYS TO WIRE IN 'THOR TECHNOLOGIES HARDWARE PRODUCTS DRM95-30A

DUE TO THE VARIOUS WAYS THAT MANY PREMISES ARE WIRED THERE IS NO ABSOLUTE GUARANTEE THAT THE PRODUCT WILL FIX ALL PROBLEMS EVEN IF IT IS WIRED AS PER INSTRUCTIONS.

**EACH PRODUCT HAS SOME VARIATIONS AS TO WIRING, PLEASE READ THE INSTRUCTIONS BEFORE INSTALLING SPECIAL INSTRUCTIONS FOR ALL PRODUCTS**

THE NEUTRAL CONNECTION OUTPUT FROM THE THOR TECHNOLOGIES HARDWARE PRODUCT DRM95-30A MUST BE USED AS A FULLY ISOLATED NEUTRAL OUT FOR THE CIRCUIT OUTPUT BEING PROTECTED / FILTERED.

**DO NOT RETURN THE NEUTRAL OUT FROM THE DRM95-30A TO THE COMMON NEUTRAL BAR OR CROSS WIRE INTO EXISTING CIRCUITS WHERE THAT CIRCUITS NEUTRAL IS RETURNED TO THE COMMON NEUTRAL BAR AT THE SWITCHBOARD. DOING SO WILL CAUSE THE PRODUCT TO OVERHEAT AND SUBSEQUENTLY FAIL.**

**INSTALLER CREATED OR EXISTING PROBLEMS ARE NOT COVERED BY THOR TECHNOLOGIES PRODUCT WARRANTIES WRITTEN, IMPLIED OR OTHERWISE.**

**THE DRM95-30A CIRCUIT SHOULD BE TOTALLY INDEPENDENT AND ISOLATED**

### DRM95-30A

- NO EARTH IS TO BE FITTED TO THE INPUT OF THE DRM95-30A
- THE OUTPUT EARTH CONNECTION IS NOT USED IN ORDER TO MAXIMISE THE EFFICIENCY OF THE DYNAMIC ACTIVE TRACKING FILTER ONLY THE ACTIVE AND NEUTRAL OUTPUT SHOULD BE USED AND THE EARTH SHOULD BE FROM THE STANDARD SWITCHBOARD EARTH BAR FOR THE OUTPUT CIRCUIT



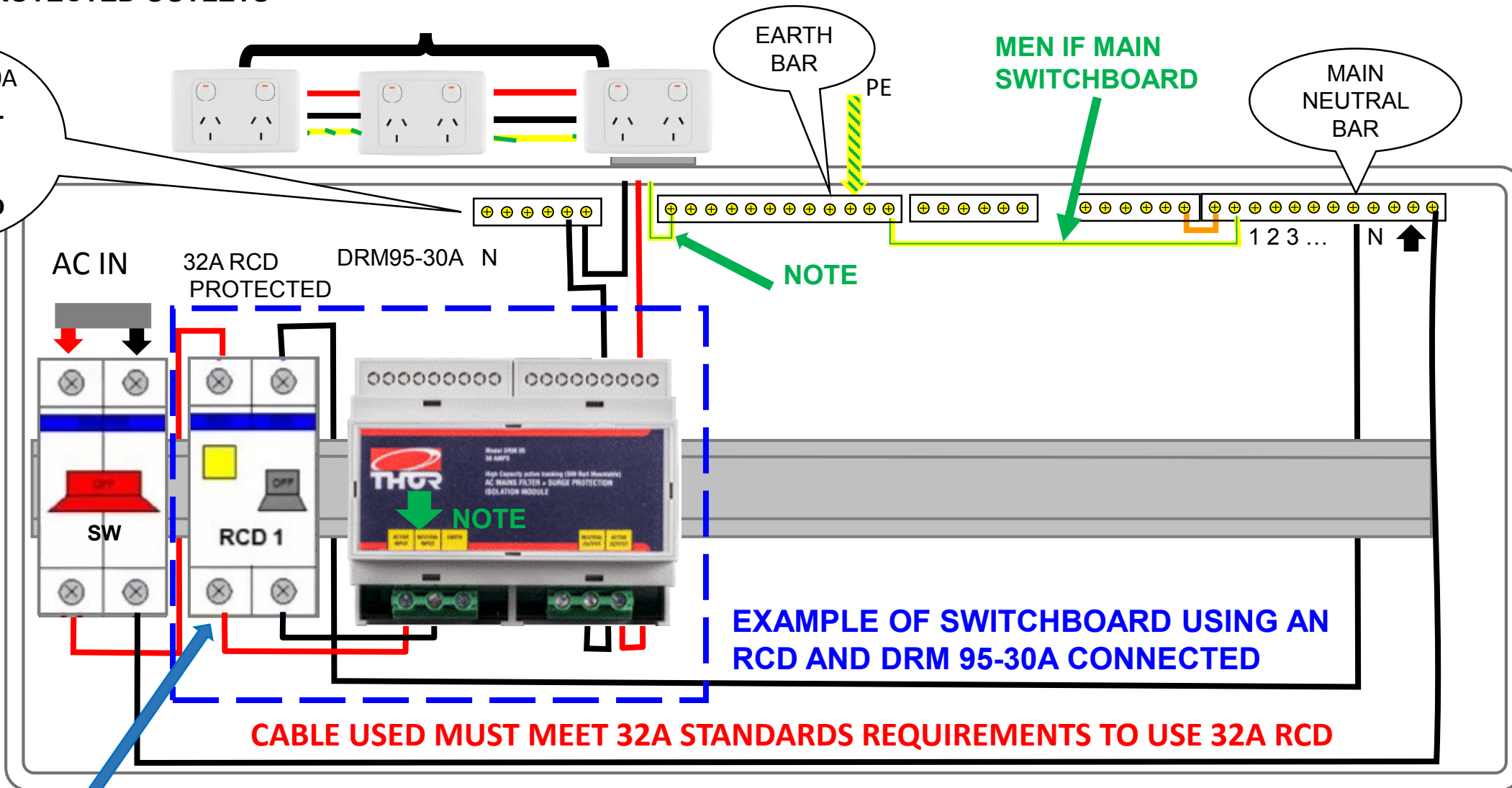
**DRM95-30A**



**FILTERED & SURGE PROTECTED OUTLETS**

**30A MAX PER CIRCUIT NOT PER OUTLET**

DRM95-30A NEUTRAL BAR FULLY ISOLATED



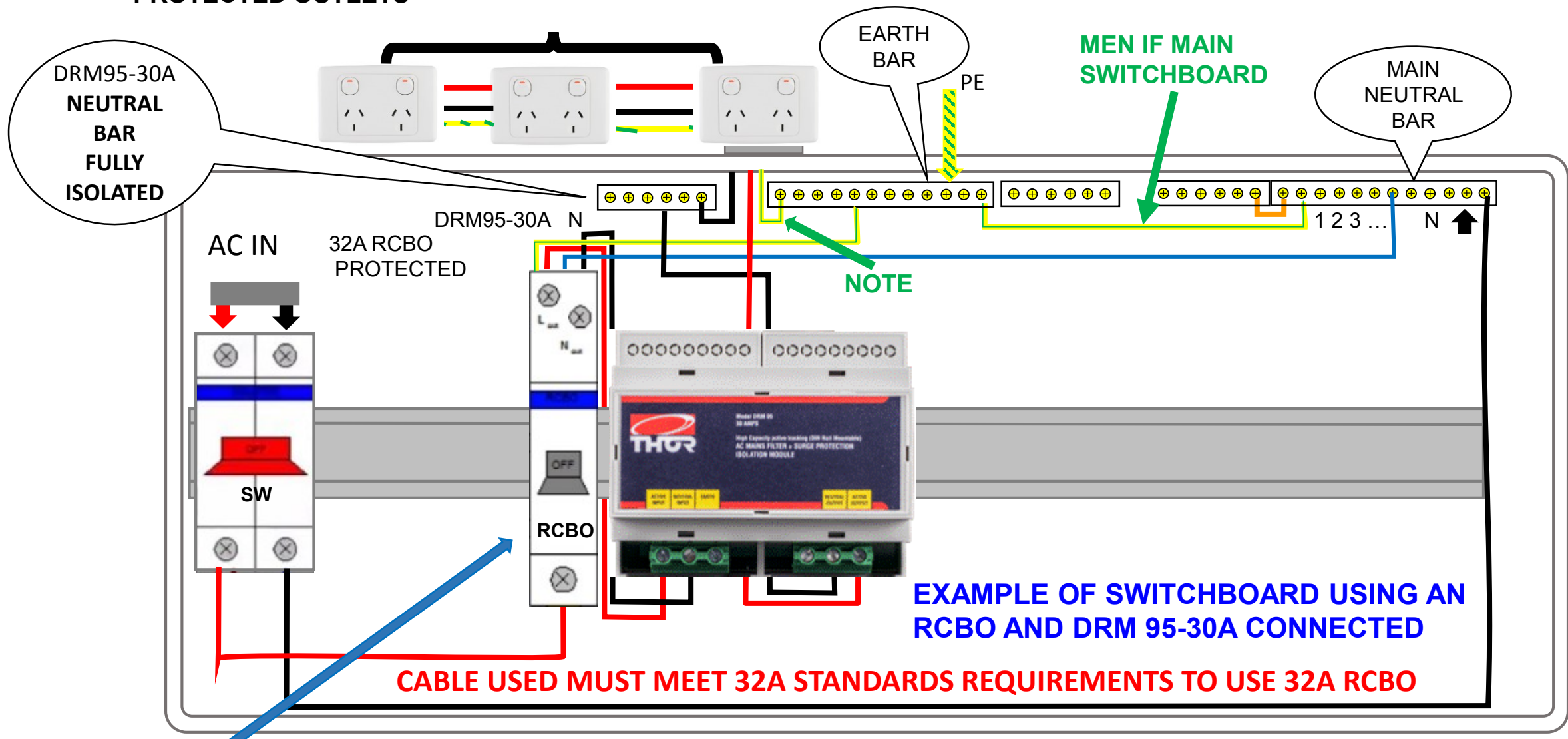
**NOTE: NO EARTH CONNECTION REQUIRED ... FOR OUTPUTS USE EARTH BAR**

32A RCD is BEST but use is Subject to Regulations

**GUIDE ONLY FOR THOR DRM95-30A ... ALL WIRING SUBJECT TO REGULATIONS IN EACH STATE AND TERRITORY**

**FILTERED & SURGE  
PROTECTED OUTLETS**

**30A MAX PER CIRCUIT NOT PER OUTLET**



DRM95-30A  
NEUTRAL  
BAR  
FULLY  
ISOLATED

NOTE

MEN IF MAIN  
SWITCHBOARD

MAIN  
NEUTRAL  
BAR

**EXAMPLE OF SWITCHBOARD USING AN  
RCBO AND DRM 95-30A CONNECTED**

**CABLE USED MUST MEET 32A STANDARDS REQUIREMENTS TO USE 32A RCBO**

32A RCBO can be used  
Subject to Regulations

**NOTE: NO EARTH CONNECTION REQUIRED ... FOR OUTPUTS USE EARTH BAR**

**GUIDE ONLY FOR THOR DRM95-30A ... ALL WIRING SUBJECT TO REGULATIONS IN EACH STATE AND TERRITORY**