

Macromatic Phase Monitors

There has been a recent change in the supplier of phase monitors for York equipment, the new phase monitors are a little bit different than the previous ICM monitors, which has caused some confusion.

The previous ICM phase monitors had a RED or GREEN LED signifying that phasing was either incorrect or correct, while the new Macromatic PBDU series monitors have two LEDs that need to be lit signifying that the phasing is correct.

In **normal** operation, the **Power LED** will be **GREEN** and the **Relay LED** will be **YELLOW**.

IF the **Relay LED** is **NOT** lit, the phasing is reversed and must be corrected.

Description Of Function

PBDU Series Relays protect against phase loss, phase reversal and phase unbalance (adjustable from 5% to 25%). LED status indication: Green LED ON indicates Power ON. Yellow LED ON indicates relay status is energized.

Function Chart

STATUS	POWER LED	RELAY LED	RELAY OUTPUT
NO POWER			DE-ENERGIZED (OFF)
NORMAL			ENERGIZED (ON)
FAULT			DE-ENERGIZED(OFF)