

Incorporating:

HEAD OFFICE: Bridge Road, Camberley, Surrey, GU15 2QR

## MIDLANDJAY M tectrite

MANUFACTURING. Foxtam House, Watts Street, Chadderton, Oldham, Lancs, OL9 9LQ

## Supply Monitoring Relay Турс - BDP1414F4

Supply voltage: 200Vac 3 phase (nominal) Frequency: 400Hz Undervoltage: 75% of nominal supply voltage Phase imbalance: 35% of nominal phase voltage Phase rotation: Sensitive 0.5 seconds Trip delay time: **Relay contacts:** Single-pole changeover 250Vac 3A ( $\cos \phi = 1$ ) Contact rating: 250Vac 1A ( $\cos \phi = 0.4$ ) 2kV ac for 1 minute Isolation voltage: Power consumption: Less than 5VA -10°C to +60°C Temperature range: **Construction:** Din rail mounted housing to IP20 Weight: 0.35Kg



The BDP1414F4 supply monitoring relay provides detection of undervoltage, reverse sequence and imbalanced supply faults on a 3 phase system.

The under-voltage trip level is fixed at 75% of the nominal supply voltage.

The phase imbalance trip level is fixed at 35% of the nominal phase voltage.

A fixed trip delay of 0.5 seconds is included to help prevent nuisance tripping.

A dual colour LED indicates the output status of the unit. When illuminated green the supply is healthy and the output relay is energised. If a supply fault is detected the LED will change colour to red and the output relay will release. When the fault has deared the unit will reset automatically.

Supply to the unit should be via either 1 amp H.R.C. fuses or a 1 amp M.C.B.

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