

Reliable fire and system protection

Differential current monitor type B with pre-warning function

Early detection of insulation faults can prevent failure of complete electrical plants. Fault current monitoring by measuring differential current is the ideal method for this application. The monitoring requirement for today's supply systems get more and more complex. Electronic control of drives, switched power supplies and chargers or fluorescent lamps with electronic ballast units can create DC fault currents in the case of earth faults. Standard differential current monitors do not detect this type of faults.

The type B differential current monitor varimeter IP 5883 of Dold detects DC as well as AC fault currents in grounded voltage systems. The measurement is done by an external current transformer.

Contrary to RCD units the IP 5883 does not disconnect the mains immediately but signals the fault. The unit includes an easy to read LED bar indicating the fault current and LEDs for operation, pre-alarm and alarm. The measuring range is 10 mA to 3 A. Additional features are broken wire



detection, adjustable pre-alarm and test function.

This varimeter offers advanced information for specific and cost effective maintenance before the plant breaks down.

1264 Zeichen (inkl. Leerzeichen)
