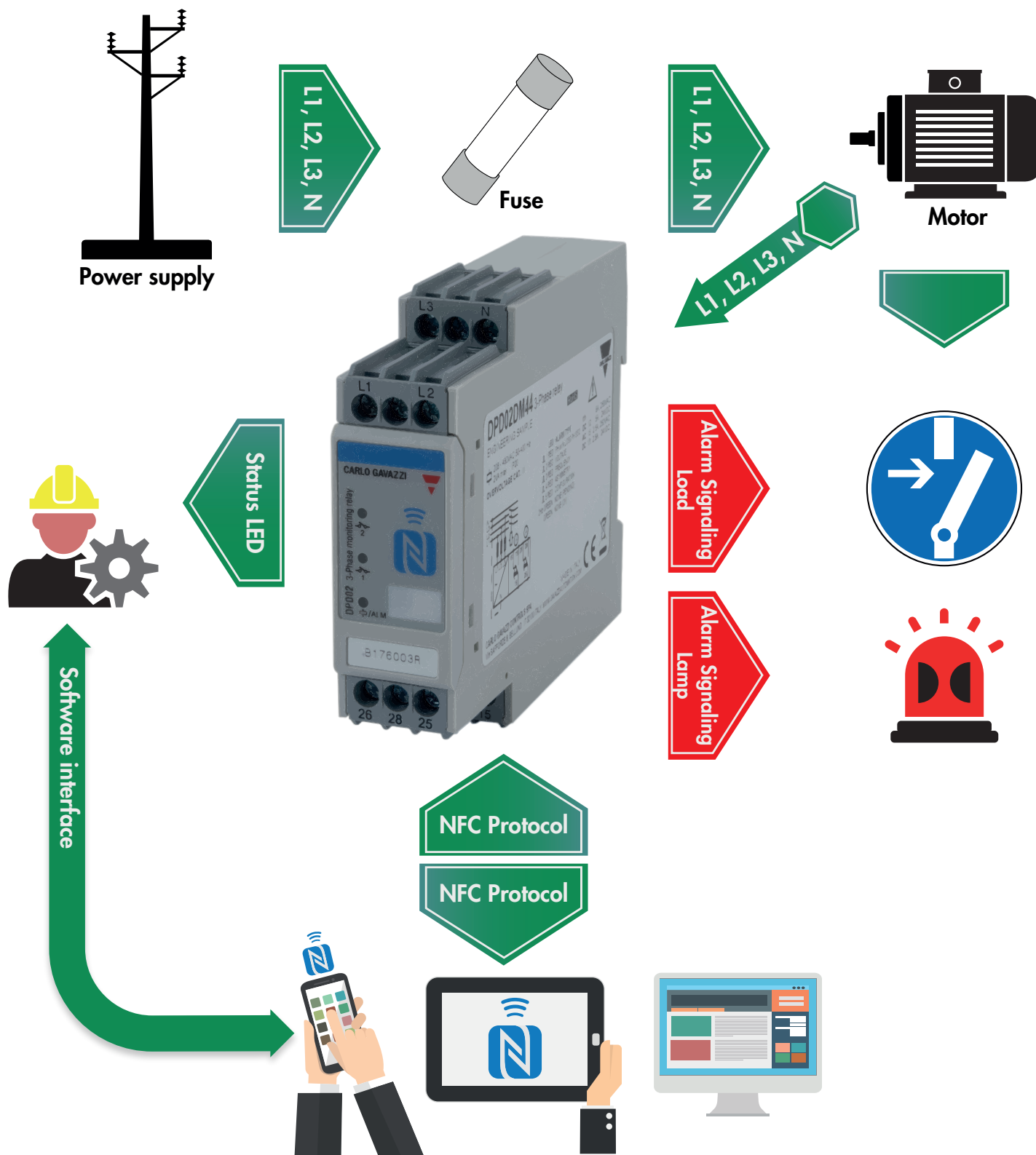


Plug & Play customizable by NFC



DPD

3-Phase monitoring relay

DPD is a threephase multifunction configurable monitoring relay suitable for both Delta and Star mains.

It protects loads from wrong phase sequence, neutral and phase loss, additionally voltage, frequency and asymmetry thresholds can be set and provide output signals.

The DPD is delivered with factory default alarm values, if they are not completely suitable they can be modified according to own requirements.

DPD has two separate relay outputs. 3 front LEDs provide visual indication of outputs states and alarm discrimination.



Datasheet



Installation Manual



User Manual



Android App



Not all applications are the same...

Benefits

- **Flexibility and Versatility.** 2 part numbers cover all requirements in terms of mains type, voltage and frequency values.
- **2 SPDT outputs.** It is possible to provide 2 different Output signals for different purposes.
- **Plug & Play.** DPD is available with 2 different factory settings, which are the most commonly used.
- **Customized devices availability.** DPD can be ordered with customized settings also for very small quantities.
- **Easy NFC configuration.** DPD is delivered with a set of factory parameters, among the 2 available ones. If the pre-configured parameters are not suitable for own application they can be modified. An Android and a Desktop apps are available, allowing to select on screen the required settings, save them, for future use and send the new configuration to the device to be configured.
- **Easy setting replication.** NFC communication can also be used, by means of the proper app, to download the configuration from one device and to send the same configuration to n devices.
- **High Compactness.** The DPD features a large amount of capabilities in just 22.5mm.

Main function

- 3Ph or 3Ph+N monitoring
- From 177V to 552V LL or 102V to 318V LN
- Operating frequency from 45 to 440Hz
- Phase sequence and Phase or Neutral Loss Alarm
- Configurable Voltage, Frequency and Asymmetry Alarms
- Up to 10 Alarms combinable with AND / OR operators
- NFC Interface

Applications

DPD is suitable for all applications where it is necessary to monitor phase presence, correct phase sequence and the voltage, frequency and quality of threephase load mains: lifts, escalators, HVAC, material handling, pumps and compressors, gensets, and power generating systems.

