

Intelligent Automation Terminal Box 19100XX

Abstract

With the use of central inverters it's very important to combine the available DC-strings to few collective DC-conductors. Our iAT decouples, processes and records all information regarding the states of the DC-fuses and DC-currents. The iAT is normally installed close to the central inverters where the information processed by the iAT is provided to the iMT.

Outline

- ◆ Casing V2A powder-coated or in Polysafe for an announced durability of 20 years
- ◆ IP 54 Standard for optimal climate inside of the iFT-casing
- ◆ 230 V-AC / 24 V-DC power supply
- ◆ Two fuses for DC-generator-connections
- ◆ DC-powerline-coupler for 1,000 V-DC
- ◆ Router (powerline to twisted pair)
- ◆ iGATE datalogger and alarm-handler
- ◆ TCP/IP also possible via glass-fibre optics
- ◆ FTT10A connection to the iMT
- ◆ Connection of up to 10 iFTs to a single iAT
- ◆ Controlling of up to 1 MWp per iAT



Important details

The system can be customized for a local inverter-topology. An iFT also requires an corresponding iAT and the iMT.

20/05/09 Version 1.0 Subject to alterations

