

Intelligent Management Terminal iMT 19511

Overview

- Connection to Internet (DSL, UMTS, GPRS)
- Based on ISO/IEC Standard 14908
- The iAT is connected to the iMT
- 10 iATs are connected to one iMT
- 24V DC power supply
- dataloggers for additional sensors
- Easy diagnostics per LEDs in dataloggers
- Connection to handheld control terminal
- Connection to iAT through Fiber optics
- iP 65 enclosure
- Temperature and humidity measurement
- Irradiation and Module Temperature measurement
- 8 analog inputs, 8 digital inputs



Fuses	
AC Input	2 A

Data Transmission to Field Terminals

Lonworks Network	
Protocol	ISO/IEC 14908
Data rate	78kBaud
Topology	Free (Ring, Star, Line, Mixed)
Cabling	Twisted pair (pole insensitive)

Data Transmission to Management Terminals

Ethernet TCP_IP Network	
Protocol	TCP_IP
Data rate	100 Base TX / 100 Base SX
Switch	6*10/100 TX (RJ45) and 2*100FX (SC)
Topology	Loop
Cabling	Fiber optical multimode :50/125µm, integrated splice box

Electrical Data

Generator connection	
System voltage	230V AC
System current	0.5 A-AC
Auxiliary supply	24V DC
Power consumption	Max.115W, nom. 50W
Overvoltage protection	Yes

Mechanical Data

General	
Protection class	IP 65
Enclosure Type	Hensel, wall mount;
UL listing	pending
Standards	Standard EN 50298
Dimensions H x W x D	600 x 600 x 155 mm
Weight	18 Kg

Ambient Conditions

Operation temperature	0°C to +45 °C (short time 55°C)
Storage temperature	-20 to 70 °C
Relative air humidity	Humidity up to 95 % non-condensing