VT01
Monochrome Information Display

Features

- Image color: monochrome (red/green/yellow/white)
- Symbol height: up to 180 mm
- Interfaces: 1×FastEthernet, 1×RS-232, 1×USB
- Operating temperature range: –40…+55°C
- IP41
- Compliant with EN50155

Overview

The device is designed for the use in rolling stock (outdoor version).

Information related to the route and train number is generated by bright LEDs forming an HD unified array, visible from a distance with any light intensity level, including direct sunlight. It is possible to use multiline modes for expanding the information volume.

Enclosure of the information display has a high mechanical resistance and high integrity of the generated image.

The device can be easily integrated into the general passenger informa-tion and warning system via the stan-dard Ethernet interface. The dis-played data is transferred in the sim-ple format and can create several zones with independent data update. Date/ time and ambient temperature information is generated by an inte-grated computer and is displayed according to the general principles.

Scheduled operation mode is sup-ported.

Operating conditions of the display meet requirements of the EN50155 standard. Operating temperature range is: -40°C to +55°C.

Technical Specifications

Display
- Image color: monochrome (red/green/yellow/white)
- Symbol height: up to 180 mm
- Pixel pitch: 10–25 mm
- Luminance: up to 4000 cd/m^2 (automatic adjustment)
- Visibility angle: from 120° to 160°
- Visibility distance: up to 400 m

Interfaces
- 1×FastEthernet, 1×RS-232, 1×USB;

Power supply
- 66–160 V DC

Environmental
- Operating temperature range: –40…+55°C

Mechanical
- Dimensions: up to 1700×250×90 mm depending on the version
- IP 41

Ordering Information

VT01 Configuration

VT01 - 01

Versions
01   Monochrome display (red/green/yellow/white); luminance: up to 4000 cd/m^2; 1×FastEthernet, 1×RS-232, 1×USB; 66–160 V DC

Delivery checklist

VT01 delivery checklist contains:

1. VT01 Information Display;
2. Package

Corporate Offices

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EN 50155 Compliance

ISO 9001:2008
EC.C.O.02.01.000823-12

READY FOR
RoHS

Fastwel