TELEM-AP annunciator panel

TELEM-AP annunciator panel module is used for indication of substation alarms/states provided by RTU or by physical DI-s.

Features

- Daisy chain master – slave connection using RS-422 interface
- 3 physical DI-s that can be linked to indication LED-s (14,15,16)
- LEDs controllable as latched/unlatched (blinking/no blinking)
- Dedicated acknowledgement switches for every LED, corresponding acknowledgement events with timestamps available.
- Master ACK switch to acknowledge all signals at once, corresponding acknowledgement event with timestamp available.
- States of LED-s are stored in ROM and are therefore also available after loss of power supply.
- Time synchronization over IEC60870-5-101 unbalanced

Technical Data

Number of digital inputs	3
Number of LED-s	16
Supply voltage	10-72 VDC, <1W
Internal circuit voltage for DI signals	Equal to supply voltage
Optional external voltage for DI signals	110 VDC, 3 VA
Isolation voltage of communication ports	2,5 kV RMS
Mounting	Panel-mounting
Dimensions (WxHxD)	185x148x30 mm
Cross section of wires	Max 2,5 mm²
Over voltage protection	IEC 61000-4-4, 1 kV pulse protection
Electromagnetic compability	EN 61000-6-2/4, EN 61000-4-4,
Ambient temperature in operation	-25 … +55 °C