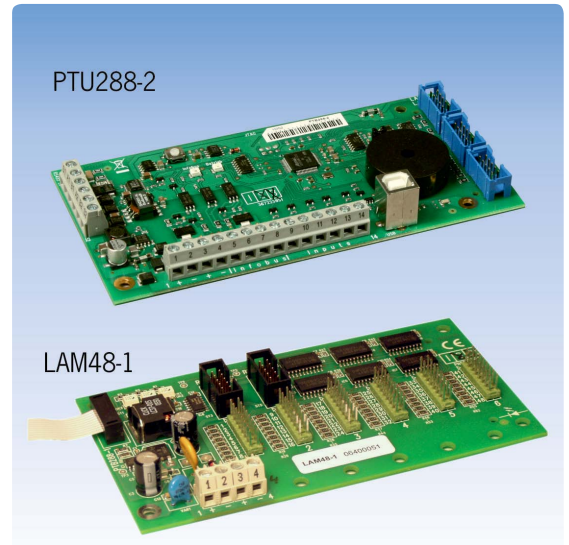


Remote Tableau Drive Unit PTU288-2 and Accessories



- Signals the events of a fire detection or extinguishing control panel
- Actuation of up to 144 LED pairs, single LEDs or relays
- Single or summary indication parameterisable
- Connection to the INFO bus, INFO bus EP or Signal bus
- Easy parameterisation by means of PC software PARSOFT



Description

The Remote Tableau Drive Unit PTU288-2 allows for the control of LED display tableaus or synoptic remote tableaus. In this way, the events of a Fire Detection Control Panel Series BC600, Series BC216 or BC016, or of an Extinguishing Control Panel Series LC600 or Series LC216 can be optically displayed. In addition, a built-in buzzer signals the alarm or fault condition of the control panel.

Up to 3 LED Display Fields LAB48-x or LED Connection Modules LAM48-1 can be connected to the remote tableau drive unit in any combination.

In accordance with the parameterisation, the LEDs can be used to display the conditions of detectors, detector zones, actuations, actuation elements, alarming devices, transmitting devices, extinguishing systems or flooding zones as well as the most important system conditions of the fire detection control panel (e.g., summary alarm, fault condition or disablement condition). If needed, it is also possible to combine several events

into a summary display. Furthermore, the PTU288-2 has 5 freely parameterisable control inputs that can be used to operate the control panel.

The remote tableau drive unit can be connected to a Fire Detection Control Panel Series BC600 via the INFO bus, the extended INFO bus EP or – after installation of a Serial Interface SIF622-1 – via the powerful Signal bus. It can also be connected to Control Panels Series BC216 or BC016, via the INFO bus. In a Control Panel BC016, a Serial Interface Module SIM016-3 is necessary therefor.

The PC software PARSOFT is used to parameterise the remote tableau drive unit via the USB interface.

The componentry is prepared for direct installation into the LED Display Tableau LAT288-1 or LAT288-1CE. The componentry can also be mounted in any housing in the LST standard grid, using the supplied mounting parts.

Specifications

Operating voltage	15 – 31VDC
Current consumption at 24V	typ. 15mA (without connected modules)
Baud rate INFO bus	600, 1200, 2400, 4800 baud
Baud rate INFO bus EP	1200, 2400, 4800, 9600, 14400 baud

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Baud rate Signal bus	19200, 38400, 57600, 115200 baud
Interface for parameter setup	USB socket type B
Ambient temperature	-20°C to +60°C
Dimensions L × W × H	150 × 75 × 20 (mm)
Weight	76g
Order number	252020
Order name	Remote Tableau Drive Unit PTU288-2

LED Connection Module LAM48-1

The LED Connection Module LAM48-1 serves, as auxiliary module of a Remote Tableau Drive Unit PTU288-2, to actuate up to 48 single LEDs, or relay outputs of a Relay Module RL58-1 or RL58-2, in any combination. In this way graphical orientation tableaux for signalling the events of a fire detection or extinguishing control panel can be easily designed.

The events are assigned to the individual LEDs or relay outputs by parameterising the remote tableau drive unit by means of PARSOFT.

The signals are available on pin connectors, which are prepared for connecting assembled LED cords. The first 16 outputs are routed in parallel to two flat cable connectors. Relay Modules RL58-1 or RL58-2 can be directly connected to each of these two flat cable connectors. If more relay outputs are needed, 2-wire connection cords can be used to actuate 2 further relays each.

The componentry is delivered with the material needed for mounting in the LST standard grid.

Specifications

Operating voltage	15 – 31VDC (supply through PTU288-2)
Current consumption at 24V	typ. 3mA (quiescent) max. 80mA (lamp test, 48 LEDs connected)
Ambient temperature	-20°C to +60°C
Dimensions L × W × H	135 × 75 × 15 (mm)
Weight	62g
Order number	252013
Order name	LED Connection Module LAM48-1

LEDs Assembled Green/Red/Amber

The package contains 10 light emitting diodes with assembled connection cords, which serve to easily connect and mount the LEDs on a synoptic remote tableau in a time-saving way.

There is a luminous LED at one end of the cord. The

2-pin connector at the other end of the cord is connected to the pin connector of the LED Connection Module LAM48-1.

The LED can be easily mounted by means of the supplied black plastic clip.

Specifications

Operating voltage	Supply through LED Connection Module LAM48-1
Length of LED cable	2m
LED Ø	5mm
Drilled hole for LED clip Ø	6.3 – 6.5mm
Thickness of front panel	max. 2mm

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LEDs Assembled Green

Order number	259011
Order name	LED Assembled Green/10pcs. LED-GN/10

LEDs Assembled Red

Order number	259010
Order name	LED Assembled Red/10pcs. LED-RT/10

LEDs Assembled Yellow

Order number	259012
Order name	LED Assembled Yellow/10pcs. LED-GE/10

LED Connection Cord

The 2-wire connection cord serves to connect light emitting diodes or relays to the LED Connection Module LAM48-1.

The cord is needed if other than the pre-assembled LEDs are used, or if more than two Relay Modules RL58-1 or RL58-2 – which can be directly connected to the LED connection module via flat cable – have to be actuated.

At one end of the cord there is a connector which fits to the pin connector of the LED Connection Module LAM48-1, and the other end of the cord is open.

Specifications

Line length	2m
Order number	259013
Order name	Cord 2 Wire for LED Connection/10pcs. LED-LEITUNG/10

LED Display Tableaus LAT288-1 and LAT288-1CE

The LED Display Tableau Housing LAT288 allows for the design of a display for optically signalling the events of a Fire Detection Control Panel Series BC600, Series BC216 or BC016, or of an Extinguishing Control Panel Series LC600 or Series LC216, by using freely parameterisable LED pairs.

The LED pairs are actuated through the Remote Tableau Drive Unit PTU288-2, which is connected to the control panel via the INFO bus, INFO bus EP or Signal bus. The buzzer of the drive unit signals the alarm or fault condition of the control panel.

The LED display tableau housing is available in two different versions:

- the LAT288-1 wall housing and
- the LAT288-1CE for mounting in 19" racks.

The tableau housings can accommodate the Remote Tableau Drive Unit PTU288-2 and up to 3 LED Display Fields LAB48. In the LED Display Tableau Housing LAT288-1, further optional componentries, e.g., relay modules, as well as up to 2 stand-by batteries 12V/ max. 22Ah can be installed.



The frontal area of the LED display tableau housing is covered with a light grey plastic foil with six integrated windows. These windows allow to comfortably insert labeling strips, which identify the LED pairs.

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Specifications

Colour housing	grey white, RAL 9002
Colour front foil	light grey, RAL 7035

LED Display Tableau LAT288-1

Dimensions W × H × D	420 × 520 × 130 (mm)
Weight	6.2kg (without optional componentry)
Order number	252010
Order name	LED Display Tableau LAT288-1

LED Display Tableau LAT288-1CE

Dimensions W × H × D	478 × 266 (6 rack units) × 55 (mm) (incl. PTU288-2 and LAB48)
Weight	approx. 1.6kg (without optional componentry)
Order number	252011
Order name	LED Display Tableau LAT288-1CE

