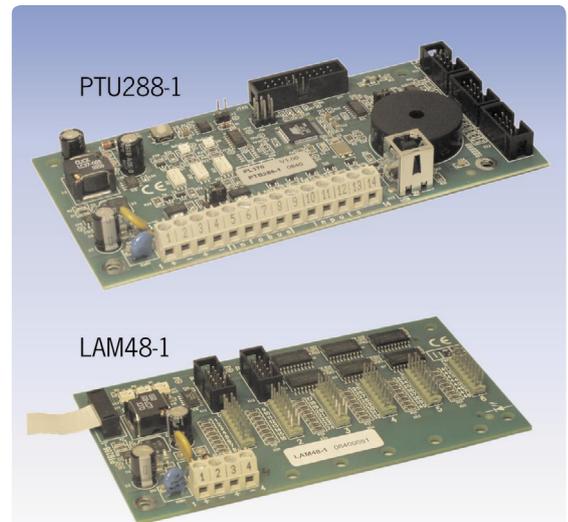


Remote Tableau Drive Unit PTU288-1 and Accessories

- **Optically and acoustically 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**
- **Easy parameterisation by means of PC software PARSOFT**



Description

The Remote Tableau Drive Unit PTU288-1 allows to optically signal events of a Fire Detection Control Panel Series BC216 or BC016, or of an Extinguishing Control Panel Series LC216, on an optional synoptic remote tableau. In addition, a built-in buzzer signals the alarm or fault condition of the control panel.

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

In accordance to 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 has 5 freely parameterisable control inputs.

The remote tableau drive unit is connected to the fire detection control panel via the INFO bus. Auxiliary modules are not needed for connection to Control Panels Series BC216. A Serial Interface Module SIM016-3 is necessary for connecting the PTU288 to a Fire Detection Control Panel Series BC016.

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 LED modules)
Ambient temperature	-20°C to +60°C
Dimensions L x W x H	150 x 75 x 20 (mm)
Weight	76g
Order number	252012
Order name	Remote Tableau Drive Unit PTU288-1

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LED Connection Module LAM48-1

The LED Connection Module LAM48-1 serves, as auxiliary module of a Remote Tableau Drive Unit PTU288-1, 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 tableaus 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 PTU288-1)
Current consumption at 24V	typ. 3mA (quiescent) max. 80mA (lamp test, 48 LEDs connected)
Ambient temperature	-20°C to +60°C
Dimensions L x W x H	135 x 75 x 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 \varnothing	5mm
Drilled hole for LED clip \varnothing	6.3 – 6.5mm
Thickness of front panel	max. 2mm

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

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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

