



→ **DC/DC converter assembly**
NT 524-60

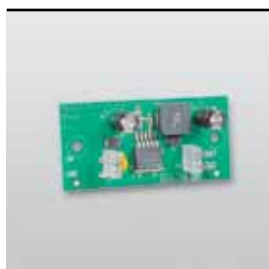
Art.-No.		EUR/item
100046095	095-415900-1705	212.00

The NT 524-60 assembly is a DC converter with galvanic isolation. This feature is very important in order to prevent shorting to ground and current carry-over, which could damage the equipment. As a combined switching/voltage controller it transforms a wide input voltage range from 19 to 72 V DC to a precisely stabilized output voltage of 13.65 V. An additional emergency supply battery can be connected (if required), for which two connection cables are provided.

The NT 524-60 converter is designed for the supply of supervised premises transceiver (e.g. AWAG, fault supervised premises transceiver, ISDN supervised premises transceiver). Additional 12 V user devices can also be connected if required. A powder-coated sheet metal housing is available for separate wall mounting of the converter with a mounting space for one 12 V lead battery (max. 7.2 Ah).

- Galvanically isolated 1,000 V DC (60 secs)
- Designed for 12 V / 2.2 - 7.2 Ah rechargeable battery
- Environmental class compliant with VdS 2110 class II
- Operating temperature range 0 °C to +50 °C
- Protection type IP 30
- Dimensions (WxHxD) 147 x 50 x 100 mm
- Power consumption with an open output approx. 28 mA (24 V input voltage)
- No power consumption in the event that the input voltage fails
- Max. 800 mA temporary current drain
- Max. 650 mA permissible continuous current drain
- Input voltage 19 - 72 V DC
- Output voltage 13.65 V DC
- Charging voltage 13.65 V

- 100075926 Empty housing, S5 housing type; see page 10-7
- 100056095 Maintenance-free rechargeable lead battery, 12 V/7 Ah; see page 10-10



→ **DC/DC stabilizer module**
24 V DC/12 V DC (switching regulator)

Art.-No.		EUR/item
100046033	033-93500-8298	46.70

The switching controller is used for connecting a TELENOT supervised premises transceiver to a 24 V DC supply voltage. It can be installed in the S3 housing type and in the housing of the comfire 3000 fire alarm control panels.

- Ambient temperature 0 - 50°C
- Dimensions (WxHxD) 67 x 33 x 27 mm
- Clearance of fixing boreholes 55 mm
- Max. continuous load 0.5 A
- Input voltage range 18 - 30 V DC
- Output voltage 12.5 V DC
- Supply voltage 15.5 - 30 V DC

I There is no galvanic isolation between the stabilizer input and output, and the GND connection is directly accessible!