



## 3098

E-NR: 5010420

DC/DC Converter 24V to 48V 3A

**3098 is a DC/DC converter for 24V to 48V 3A and is a universal module that can be connected to a power supply with battery backup**

This module is suitable for powering 48V PoE switches with up to 8 ports for eg. access systems and IP cameras. By connecting a PoE switch to a power supply with battery backup you can operate IP cameras with recording using the batteries even if the mains power is lost. Connecting the DC/DC converter to a PoE switch to power the IP cameras also means that there is no need for the power adapter that normally supplies power to the IP cameras. This provides a much safer solution than before due to the extra battery backup.

Functions:

- 24V DC supply voltage
- Input with fuse
- Optical indication of correct input voltage (green LED)
- Optical indication of correct output voltage (green LED)
- Optical indication of fuse failure (red LED)
- Optical indication of voltage failure (red LED)
- Fault signalled through switching relay
- Relay contact rating 30 V / 120 mA

### TECHNICAL DETAILS

|                           |                            |
|---------------------------|----------------------------|
| Dimensions (L x W x H) mm | 116 x 80 x 30              |
| Supply voltage DC         | 20 – 30 V                  |
| Output voltage DC         | 48 V                       |
| Maximum output current    | 3 A                        |
| Number of outputs         | 1                          |
| Connection In/Out         | 0,34 – 2,1 mm <sup>2</sup> |
| Input fuse                | F8AH250V                   |
| Relay contact rating      | 120 mA, 30 V DC            |



|                         |                           |
|-------------------------|---------------------------|
| Connection fault output | 0,2 – 1,3 mm <sup>2</sup> |
| Product type            | Connection accessories    |
| Environmental class     | EN 50130-5                |
| Environment             | Indoor                    |
| Accessory type          | DC Converter              |
| Terminal type           | Screw/screw               |
| Product line            | Fatum                     |
| Product feature         | Surface-mounted           |

## ORDER INFORMATION

| Model   | E-NR    | Description |
|---------|---------|-------------|
| 3098.03 | 5010420 |             |

