TYFS120

**KNX/IP Secure interface, 1 module**

## Technical properties

### Architecture

| | |
|---|---|
| Bus system | KNX |

### Configuration

| | |
|---|---|
| Number of modules | 2 |

### Controls and indicators

| | |
|---|---|
| Button / push-button | with programming button and red programming LED |

### Connectivity

| | |
|---|---|
| IP | KNXnet/IP Secure according KNX specification : Core, Tunneling, Device Management. Supported internet protocols : ARP, ICMP, IGMP, UDP/IP, TCP/IP, DHCP et Auto IP |
| Interface | as interface to PCs and data processing devices |

### Voltage

| | |
|---|---|
| Operating voltage over bus | 21...32 V DC |

### Electric current

| | |
|---|---|
| Bus consumption | 20 mA |
| Bus current consumption (data transfer) | ≈ 20 mA |

### Dimensions

| | |
|---|---|
| Assembling height as from DIN rail | 65 mm |
| Width of rail mounted device (RMD) | 1 modules |

### Power

| | |
|---|---|
| Total power loss under IN | 0.6 W |

### Materials

| | |
|---|---|
| RAL colour | RAL 7035 - Light grey |

### LED control

| | |
|---|---|
| LED | with green, yellow and red LEDs for communication and status display |

### Connection

| | |
|---|---|
| Connection type | TG008 (bus and supply voltage) / RJ45 (Ethernet) |
| Bus coupling unit | with integral bus coupling unit |
| Type of connection | operating voltage connection via connecting terminal ; with RJ45 connection for Ethernet/IP networks |
| Bus connection | bus connection via connecting terminal |

| | |
|---|---|
| Type of connection | Bus KNX + Ethernet (100 Mbit/s) |

**Settings**

| | |
|---|---|
| Supported configuration modes | system |

**Use conditions**

| | |
|---|---|
| Operating temperature | -5…45 °C |
| Storage/transport temperature | -25…70 °C |

**Identification**

| | |
|---|---|
| Main design line | KNX |

**Instructions**

| | |
|---|---|
| Information text | Knowledge of the relevant network technology is required for installation. |