ISx/S 5.1 and IPM/S 1.1

Overview

REG switch system (master und slave) with patch module for the ABB i-bus® KNX IP devices
(such as IP Router, Telephone Gateway, …)

- ISM/S 5.1 IP Switch Master
- ISS/S 5.1 IP Switch Slave
- IPM/S 1.1 IP Patch Module
ISx/S 5.1 und IPM/S 1.1
Overview
ISx/S 5.1 IP Switch Master and Slave Functions

- Can be extended to 10 terminal devices through lateral coupling
- One port each is a Gigabit-Ethernet port and can be used as uplink port.
- The slave receives its data exclusively via the master and is inoperative without it.

Functions:
- can be freely cascaded via front ports
- 4096 MAC addresses storable
- autosensing
- autonegotiation
- auto-partitioning
- store-and-forward principle
- MDI/MDIx
- semi and full duplex operation
### ISx/S 5.1 IP-Switch Master und Slave

#### Technical Data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power supply:</strong></td>
<td></td>
</tr>
<tr>
<td>Nominal voltage</td>
<td>90-240 V~, 50-60 Hz</td>
</tr>
<tr>
<td>Maximum power consumption</td>
<td>4.3 W (switch system)</td>
</tr>
<tr>
<td><strong>Plug connection/socket:</strong></td>
<td></td>
</tr>
<tr>
<td>Connection</td>
<td>5 x RJ45 ports, extendable to 10</td>
</tr>
<tr>
<td>Transfer rate</td>
<td>10/100/1000 Mbit/s</td>
</tr>
<tr>
<td><strong>Connection terminals:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Screw terminal</td>
</tr>
<tr>
<td></td>
<td>0.2 mm² to 2.5 mm² fine wire</td>
</tr>
<tr>
<td></td>
<td>0.2 mm² to 4 mm² single wire</td>
</tr>
<tr>
<td><strong>Protection:</strong></td>
<td></td>
</tr>
<tr>
<td>Safety class</td>
<td>IP20 according to EN 60 529</td>
</tr>
<tr>
<td></td>
<td>II</td>
</tr>
<tr>
<td><strong>Operating temperature:</strong></td>
<td></td>
</tr>
<tr>
<td>Storage temperature:</td>
<td>-5 °C to 45 °C</td>
</tr>
<tr>
<td></td>
<td>-25 °C to 70 °C</td>
</tr>
<tr>
<td><strong>Weight:</strong></td>
<td></td>
</tr>
<tr>
<td>ISM/S</td>
<td>280 g</td>
</tr>
<tr>
<td>ISS/S</td>
<td>150 g</td>
</tr>
</tbody>
</table>
IPM/S 1.1 IP Patch Module

Functions

- RJ-45 module and a mounting adapter for fixing to the mounting rail to insert the patch cable into the distribution board.
- No special tools required for installation
IPM/S 1.1 IP Patch Module
Mounting
IPM/S 1.1 IP Patch Module

Technical Data

Mounting adapter
Housing
Weight

Module
Poles
IDC terminals

Mechanical characteristics
Housing of shielding
Shielded connection

Operating/-storage temperature
Protection
Connection

Electrical characteristics
Nominal voltage
Operating current
Color code

Transmission characteristics
ISO/IEC 11 801 Amendment 2
E DIN IEC 60 603-7-51 Ed.1

PA
25 g

8-pin
8

Zinc diecast
360° contact, contact bridge for data cable with Ø 6–10 mm, strain relief via cable ties
-40 °C to +70 °C
IP21 according to EN 60 529
IDC terminals for a conductor 0.51–0.63 mm Ø, AWG 24–22, outside Ø 0.7 - 1.6 mm at PE, 1 wire/contact, reusable ≥ 10 times

72 V DC, suitable for TNV current circuits according to EN 60 950-1
500 mA, suitable for PoE+ (Power over Ethernet) acc. to IEEE 802.3at
T568A and T568B according to TIA/EIA-568-B.2

Cat.6A, Class E_A, shielded
500 MHz, shielded