



BASE INFORMATION

ABB IP switches for DIN-Rail installation

Simplifying IP connectivity inside your cabinet



ABB IP switches for DIN-Rail installation

Introduction

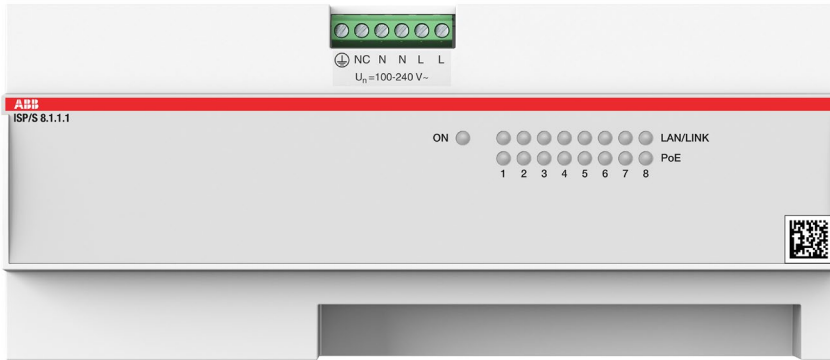


The IP infrastructure plays an important role in the reliability and availability of all building functions.

This is driving the requirement for a cost-effective IP infrastructure within the distribution board or decentral installation boards.

ABB IP switches for DIN-Rail installation

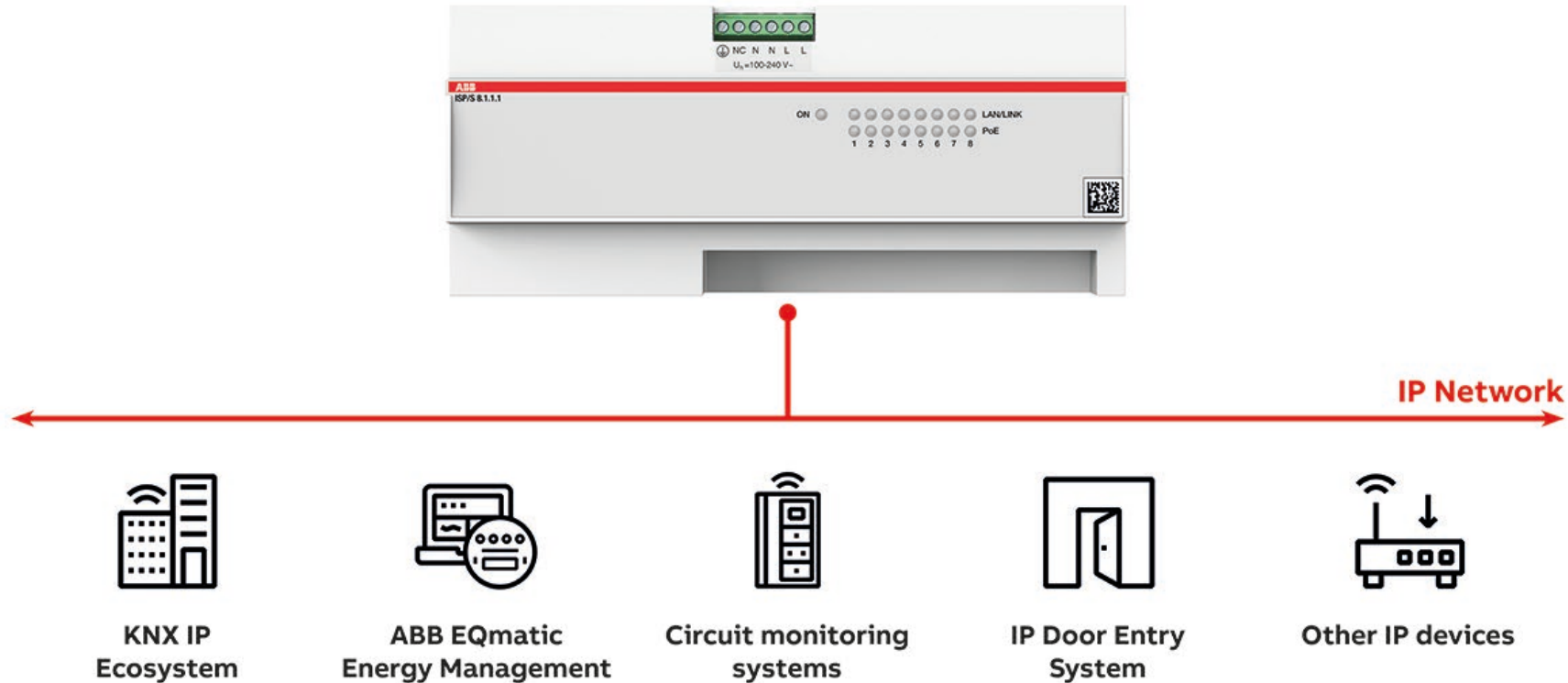
Introduction



The new ABB IP switches are two industrial-grade, 8 Ports, Fast Ethernet (100 Mbits), unmanaged switches (with and without PoE) designed for installation in electrical distribution boards and rapid mounting on DIN-Rails.

ABB IP switches for DIN-Rail installation

Simplifying IP connectivity inside your cabinet



The new ABB IP switches are suitable for all applications, segments and markets in which distribution boards with DIN-Rail devices requiring IP connectivity are used.

ABB IP switches for DIN-Rail installation

Value proposition



Special Design

The MDRC device is suitable for installation in standard electrical distribution boards. The IP connection ports are secured under the distribution board cover preventing unauthorized access

- Professional, secure and clean installation
- Saves installation time and space



Maximum Reliability

Robust, industrial-grade, Made in Germany:

- High reliability



Compact technology

The PoE variant provides supply voltage on all its 8 ports without the need of extra external power supply:

- Saves installation space
- Reduces costs



Easy installation

Plug-and-play installation, no commissioning required:

- No special skills to install and use are needed

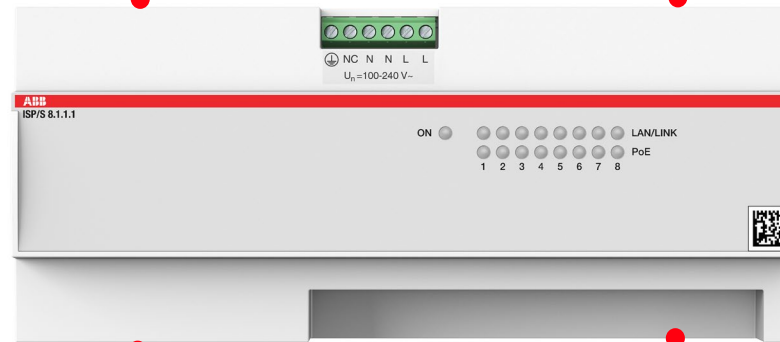


ABB IP switches for DIN-Rail installation

Key Characteristics IP switches

Key Characteristics

- Industrial-grade
- 8 Ports
- Fast Ethernet (100 MBits)
- Supply voltage 110 - 240 V AC
- Two unmanaged variants:
 - IP-Switch IS/S 8.1.1
 - IP-Switch PoE ISP/S 8.1.1.1
With integrated power supply 55W
- Device dimensions (MDRC width):
 - IS/S 8.1.1: 8 Modules, 140 mm
 - ISP/S 8.1.1.1: 12 Modules, 210 mm

ABB IP-Switch

IS/S 8.1.1
2CDG120082R0011



ABB IP-Switch PoE

ISP/S 8.1.1.1
2CDG120083R0011

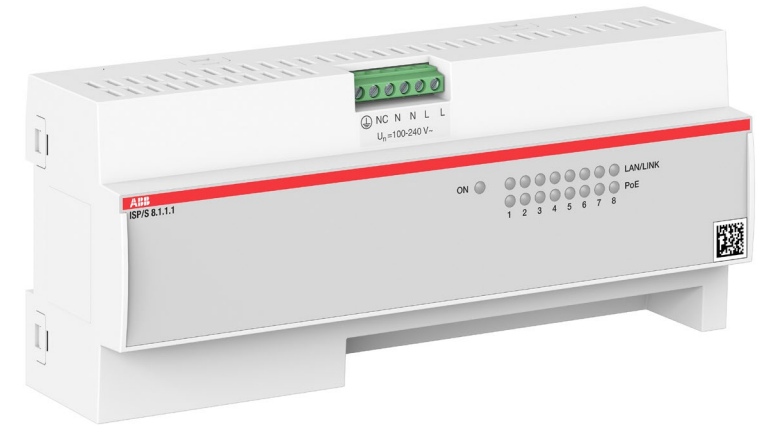


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Key Characteristics IS/S 8.1.1

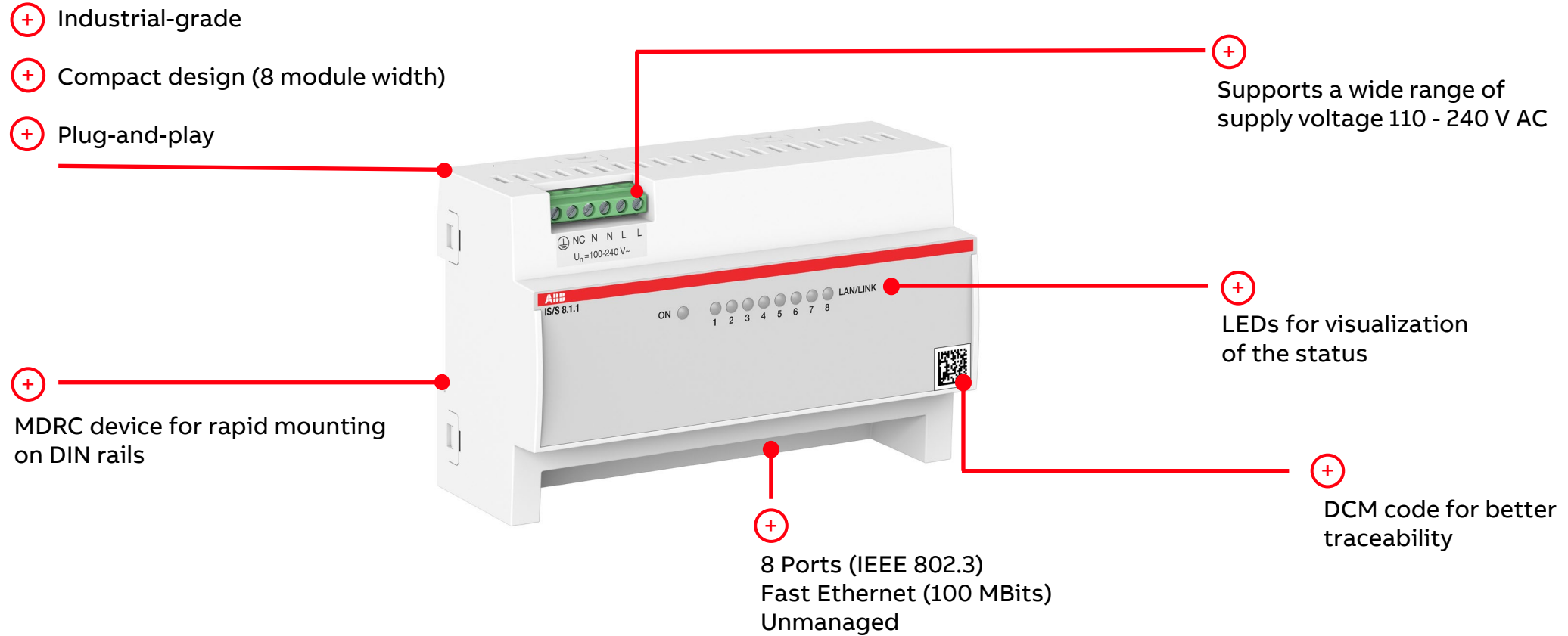


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Key Characteristics ISP/S 8.1.1.1

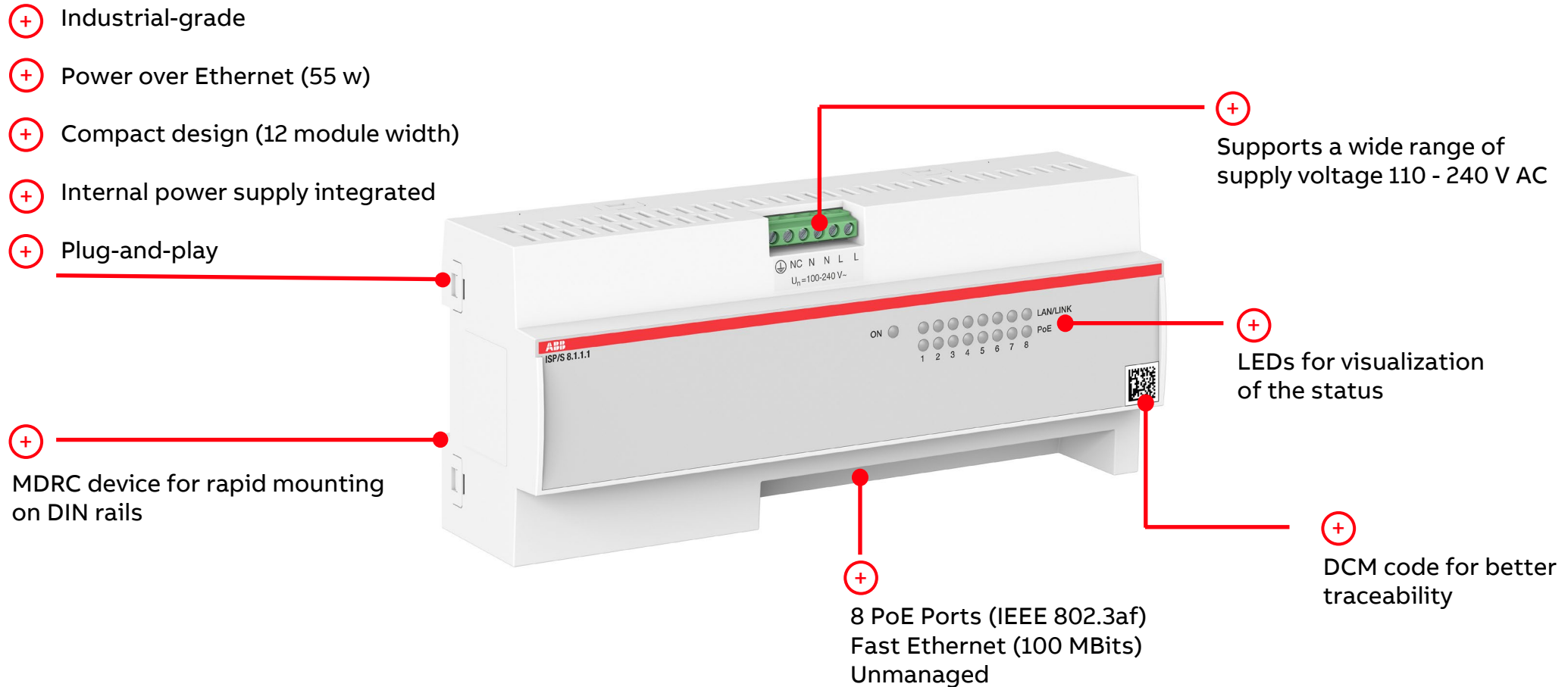
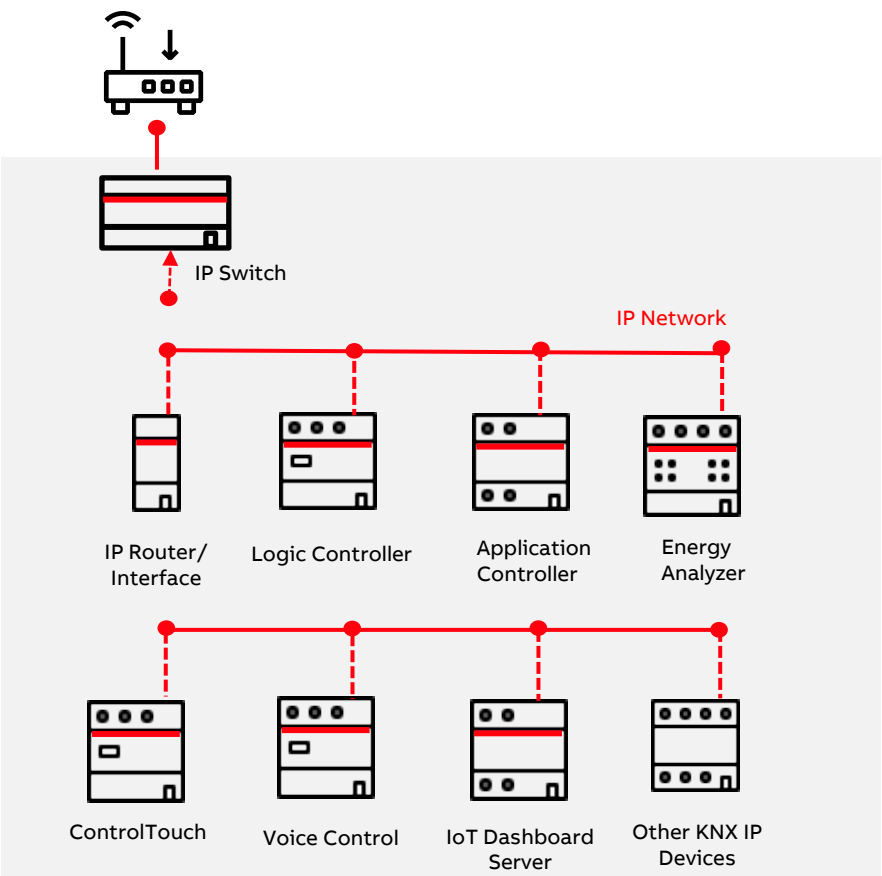


ABB IP switches for DIN-Rail installation

Simplifying IP connectivity in your KNX installation



Overview of some of the ABB i-bus KNX devices that can be connected to the IP switches:

Data + PoE	Data
System Infrastructure and Interfacing	Visualization, Display and Signaling
IP Router (IPR/S 3.1.1)	Busch-ControlTouch® (6136/APP-500)
IP Router Secure (IPR/S 3.5.1)	Busch-VoiceControl® (VCO/S 99.1)
IP Interface (IPS/S 3.1.1)	KNX IoT Dashboard Server (DBS/S 1.1.1.1)
IP Interface Secure (IPS/S 3.5.1)	Energy Management
Automation, Logic and Time Control	ABB EQmatic Energy Analyzer (QA/S1.16.1)
Logic Controller (ABA/S 1.2.1)	Heating, Ventilation and Air Conditioning
	ClimaECO Application Controller (AC/S 1.1.1)
	ClimaECO Building Automation Controller (BAC/S1.5.1)

ABB