

24 V dc input

- ◆ powers BIM and I/O modules
- ◆ hot swap capability in Zone 1 or Zone 2
- ◆ redundant power for bumpless exchange (in case of redundancy)

MODULE SPECIFICATION

See also System Specification

INPUT

Power supply (PS) 24 V DC (19.2 to 33 V)
Power load < 2.1 A / 24 V; < 2.6 A / 19.2 V
Total power consumption < 60 Watts

OUTPUT

Available power for modules < 55 Watts
Powered module capacity
 a) for I/O modules with power consumption < 2.6 W
 16 I/O modules + 2 x 850-BI-DP
Example 16 x 803-AI-04 + 2 x 850-BI-DP
 b) for I/O modules with power consumption > 2.6 W
 < 16 I/O modules + 2 x 850-BI-DP

Examples

(275 mW < valves < 500 mW) 9 x 815-DO-04 + 2 x 850-BI-DP
 (Refer to Installation Guide for further information)

EXPLOSION PROTECTION

Certificate number PTB 01 ATEX 2141
Type of protection II 2 G EEx m [ib] e IIC T4

DIAGNOSTIC INFORMATION

System/Module power on LED green / green

TEST VOLTAGE

Power supply

- for module supply 1500 V
 - for Exi current circuits 1500 V

PA/PE

- for Exi current circuits 500 V

GENERAL DATA

External dimensions (W x H x D) 50 x 135 x 104 mm
Weight 1 kg

