

## Product sheet

### ABL8 buffer module - 24..28.8 V DC - 40 A - DIN rail mounting and diagnostic LED

Brand: SCHNEIDER

Reference: IMPO ABL8BUF24400



The ABL8 buffer module provides a 24 to 28.8 V DC input and a 40 A output, designed to deliver temporary power during voltage dips or surges. Its DIN rail mounting makes it ideal for industrial applications, ensuring efficient backup power without the need for batteries.

[View product online](#)

## Description

The ABL8 buffer module is an efficient solution for energy management in industrial environments. Designed to operate with an input voltage range of 24V to 28.8V DC, this device provides a nominal output current of 40A at 24V DC, ensuring a continuous supply during fluctuations or brief interruptions in the power grid.

- Input Voltage: 24...28.8 V DC
- Output Voltage: ( $U_{in}-0.25$ ) V in nominal DC mode, ( $U_{in}-1$ ) V in DC buffer mode
- Maximum Output Current: 40 A
- Maximum Power Dissipation: 15 W
- Overload and short-circuit protection with automatic reset
- Connections: screw terminals, connection capacity of  $2 \times 0.5...2 \times 10 \text{ mm}^2$
- DIN rail mounting, horizontal or vertical operating position
- Operating altitude: up to 2000 m
- Certifications: UL 508, CSA C22.2 No 60950-1, EAC, RCM
- Operating temperature range: -25...60 °C

## Specifications

|                     |               |
|---------------------|---------------|
| Rated current (A)   | 40            |
| EAN                 | 3389119406819 |
| Nominal voltage (V) | 8             |

---

This document is based on the product page published in our store and is provided for information only. It is not contractual. It may contain errors or omissions and does not replace the manufacturer datasheet.

[If you have any questions, contact our support team](#)

Item downloaded on 30 September 2026