

What does the future hold for the industrial power supply?

A STEP AHEAD
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1993/94



1998



2001 ...



HM 2001 - SITOP power supplies

Technical Features Basic Module - 20 A and 40 A

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- Extremely robust
 - Metal housing and top hat rail mounting
- Minimum space requirements
 - In comparison to SITOP, 2nd generation:
20% less space, 40% fewer footprints
- High basic functionality
 - Sufficient for 80% of all applications
 - Operating states easy to read with 3 LEDs
 - Adjustable output voltage, +20%
 - Adjustable reaction to short circuits
 - Shutoff with storage ↔ automatic restart
- High power
 - U/I characteristic curve with power boost
 - Briefly possible: up to 3 times the nominal current load



Technical Features Signaling Module

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- Can be connected on side to basic device
- Signaling contacts for optimal integration in total system
 - 24 V okay
 - Input voltage okay
- Remote switchon/switchoff of basic device



Technical Features Backup Module

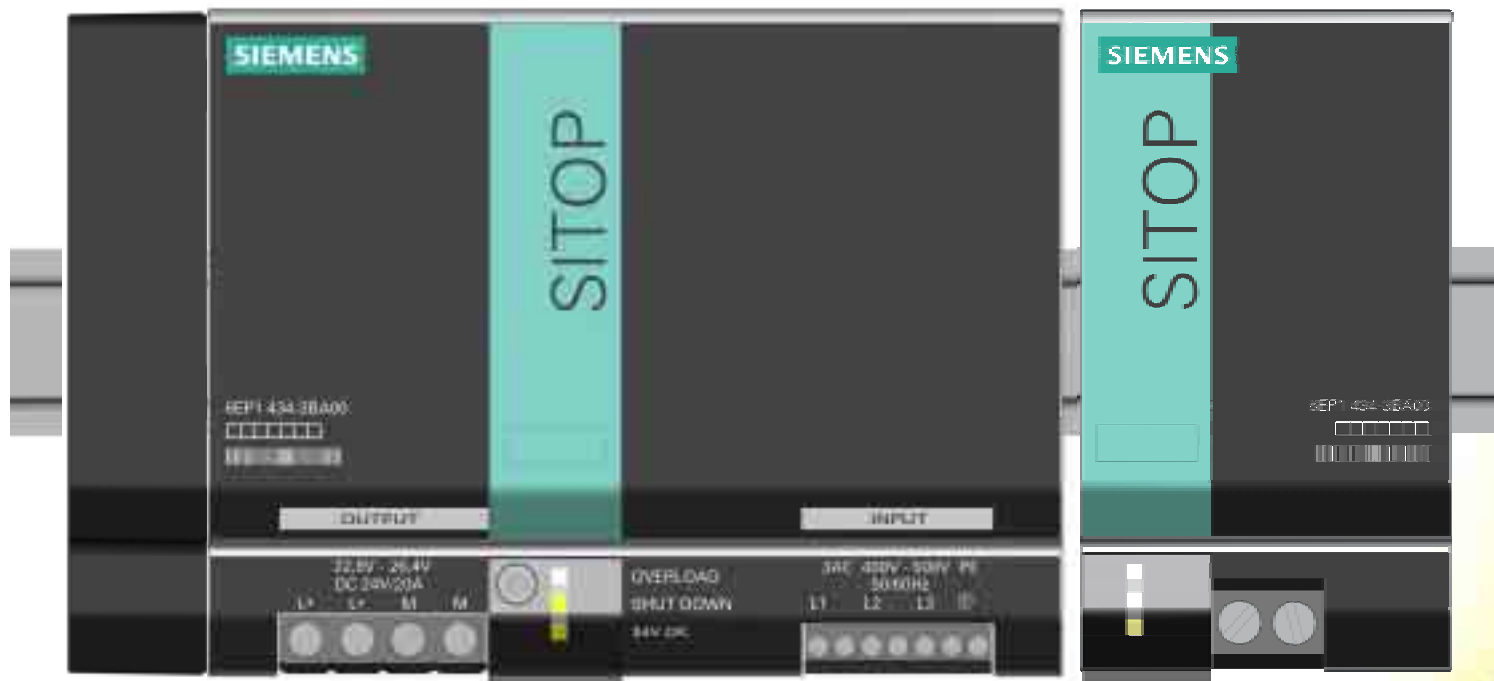
- Extra module for top hat rail mounting
- For brief power failures up to 3 seconds
 - 200 msec at 20 A load current
 - 100 msec at 40 A load current
 - Multiplication by switching in parallel possible



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The First Power Supplies in Modular Design

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Signaling
module

Basic module, 20 A

Backup module

Available for delivery: E 08/2001

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A&D SE PS, N° 5
Version E 01.00

The modular concept is ...

... uncomplicated and flexible

- High quality
- Relevant functions in basic device
- Flexible function expansion with modular setup
- Easy handling, low space requirements

... offers customized power, cost-oriented

- Only pay for the functions you need
- Cost savings due to optimized price
- Cost savings due to simple, transparent configuration



SIEMENS

SITOP power 0.5 Now Also Available for Lowest Power Needs



- AC version: 24 V/0.5 A
- DC version: 24 V/0.375 A
- Wide range input
 - AC version: UN= 120 to 230 V AC
 - DC version: UN= 48 to 220 V DC
- Width: 22.5 mm
- Weight: 0.11 kg (AC)/0.14 kg (DC)
- Temperature range: -20° to +70° C

Available for delivery: June 2001

HM 2001 - SITOP power supplies



A&D SE PS, N° 7
Version E 01.00

SITOP power 0.5 Customer Benefits

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- Space savings
 - Due to narrow widths and minimum space requirements
 - Optimal for use in switching cabinet
- Cost savings
 - Due to use of 24 V standard contactor and relay types for "odd" voltages
 - Due to reduced number of models because of wide-range input
- Time savings due to availability from warehouse
- Worldwide use
 - Certifications in acc. w. UL and cUL



SITOP power 0.5 Application Areas

- Automation technology in general
- Mechanical engineering and special machines
- Switching cabinet and system engineering
- Manufacturers of distributed switching cabinets with low power
- Users of switching devices and relays particularly for "odd" voltages or strongly fluctuating networks
- Building automation

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