

Stabilized Power Supplies

SITOP 6EP Power Supplies

Expansion modules

Overview

The SITOP expansion modules offer further functions:

The **signaling module** can be snapped onto the side of the 6EP1 ...-3BA00 basic unit; with floating signaling contacts "Output voltage OK" and "Ready OK"; with signal input for remote ON/OFF switching of the basic unit.

The **redundancy module** uses diodes to disconnect the basic units from one another so that a redundant 24 V power supply can be constructed.

The two SITOP PSE200U selectivity modules and the SITOP select diagnostics module are used in combination with

24 V power supplies for distributing the load current among up to 4 current branches per module and for monitoring the individual partial currents. Overloads or short-circuits in individual branches are selectively switched off and the remaining load current paths remain unaffected. Individually adjustable rated current, LED, group alarm contact, standard rail mounting.

The **buffer module** bridges mains interruptions in the range of seconds. Buffer time 200 ms at 40 A, up to 1.6 s at 5 A load current. Multiplication possible through parallel circuit, maximum buffer time 10 s.

Selection and ordering data

	Inputs Rated voltage U_e Rated	Output Rated voltage U_a Rated	Rated current I_a Rated	Dimensions (W × H × D) mm	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Signaling modules										
 6EP1 961-3BA10	--	--	--	25 × 125 × 125	▶	6EP1 961-3BA10		1	1 unit	581
Redundancy modules										
 6EP1 961-3BA21	24 V DC (24 ... 28.8 V)	U_e – approx. 0.5 V	20 A	70 × 125 × 125	A	6EP1 961-3BA21		1	1 unit	588
SITOP PSE200U selectivity modules										
 6EP1 961-2BA.1	24 V DC (22 ... 30 V)	--	4 × 3 A (0.5 ... 3 A)	72 × 80 × 72	A	6EP1 961-2BA11		1	1 unit	586
	24 V DC (22 ... 30 V)	--	4 × 10 A (3 ... 10 A)	72 × 80 × 72	A	6EP1 961-2BA21		1	1 unit	586
SITOP select diagnostics modules										
 6EP1 961-2BA00	24 V DC (24 ... 28.8 V)	--	4 × 10 A (2 ... 10 A)	72 × 90 × 90	▶	6EP1 961-2BA00		1	1 unit	586
Buffer modules										
 6EP1 961-3BA01	24 V DC (24 ... 28.8 V)	U_e – approx. 1 V	40 A	70 × 125 × 125	A	6EP1 961-3BA01		1	1 unit	588

For other units and versions, see Catalog KT 10.1.