

# Power Supplies

## Introduction

### Overview

#### 4AV non-stabilized power supplies



4AV21/23

4AV20/22/24/26

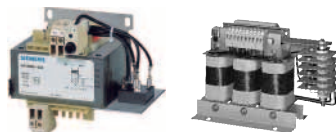
4AV4

4AV3

4AV5

#### Filtered for supply of electronic controls

Ripple		< 5 %	< 5 %	< 5 %	< 5 %	< 5 %
Phases		1	1	1	3	3
Rated input voltage	V AC	115 ... 415	115 ... 415	230 ... 415	200 ... 600	400 ... 415
Rated output voltage according to EN 61131-2 suitable for SIMATIC systems	V DC	24	24	24	24	24
Rated output current	A	1 ... 4.2	2.5 ... 18	1,5 ... 10	15 ... 180	25, 35
Connection		Screw terminals/ flat connectors	Screw terminals/ flat connectors or Cage Clamp terminals	Screw terminals/ flat connectors or Cage Clamp terminals	Screw terminals/ flat connectors	Screw terminals/ flat connectors
Mounting		Standard rail mounting	Screw and/or standard rail mounting	Screw and/or standard rail mounting	Screw mounting	Screw mounting
cULus approval at 60 °C		Yes	Yes	No	Partially	No



4AV98

4AV96

#### Unfiltered for supply of general loads

Ripple		48.3 %	< 5 %
Phases		1	3
Rated input voltage	V AC	230 or 400	400
Rated output voltage	V DC	24	30-27-24
Rated output current/ rated power		50 ... 500 W	4 ... 25 A
Connection		Screw terminals/ flat connectors	Screw terminals/ flat connectors
Mounting		Screw mounting	Screw mounting
cULus approval		No	No

#### 6EP stabilized power supplies



6EP1  
LOGO!Power

6EP1  
SITOP smart

6EP1  
SITOP modular

6EP1  
SITOP uninterruptible

Phase		1	1	1, 2, 3	1
Rated input voltage	V	100 ... 240 AC	48 ... 220 DC, 120 ... 230 AC, 120/230 AC	120/230 ... 500 AC, 120/230 AC, 3 AC 400 ... 500	24 DC
Rated output voltage	V DC	5, 12, 15, 24	24, 3 ... 52	24	24
Rated output current	A	1.3 ... 6.3	0.375 ... 10	5 ... 40	6, 15, 40
Connection		Screw terminals	Screw terminals	Screw terminals	Screw terminals
Mounting		Standard rail mounting	Standard rail mounting	Standard rail mounting	Standard rail mounting
Approval		UL, cUL	UL, cUL	UL, cUL	UL, cUL

Further products for power supplies can be found in Catalog KT 10.1 or on the Internet at <http://www.siemens.com/sirius-supplying> and <http://www.siemens.com/sitop>.