

SIMOVERT MASTERDRIVES Vector Control

Compact PLUS, Compact and Chassis Units



Other options

Compact PLUS units Compact and chassis units

Isolation amplifier boards for DIN rail mounting

Knick isolation amplifier boards in a modular housing are recommended (www.knick.de).

Rectifier units for supplying 24 V DC

Power supply	Order No.	
A		
24 V DC rectifier units, single-phase 230 V AC and 400 V AC, can be used with +6 % and –10 % line-voltage tolerance¹⁾		
1 (230 V)	4AV21 02–2EB00–0A	For dimension drawings, see Catalog LV 10
1 (400 V)	4AV21 06–2EB00–0A	
3.5 (230 V)	4AV23 02–2EB00–0A	
2.5 (230/400 V)	4AV20 00–2EB00–0A	
5 (230/400 V)	4AV22 00–2EB00–0A	
10 (230/400 V)	4AV24 00–2EB00–0A	
15 (230/400 V)	4AV26 00–2EB00–0A	
24 V DC rectifier units, for 3-ph. 400 V AC, can be used with +6 % and –10 % line-voltage tolerance¹⁾		
10	4AV30 00–2EB00–0A	For dimension drawings, see Catalog LV 10
15	4AV31 00–2EB00–0A	
20	4AV32 00–2EB00–0A	
30	4AV33 00–2EB00–0A	
40	4AV34 00–2FB00–0A	
50	4AV35 00–2FB00–0A	
24 V DC power supply units, can be used with ±15 % line-voltage tolerance²⁾		
2.5 (230 V)	6EP1 332–1SH41	For dimension drawings, see Catalog KT 10
5 (230 V)	6EP1 333–3BA00	
10 (230 V)	6EP1 334–3BA00	
20 (400 V)	6EP1 336–3BA00	

Coupling relay for connection to the control board's digital outputs

The coupling relay enables isolated energizing of a load. Additionally, it is possible to switch loads requiring increased power which cannot be supplied directly by the digital output.

Typ. power requirement for 24 V DC	Switching capacity, output	Order No.	Supplier
< 7 mA	60 V DC / 1.5 A	3TX7 002-3AB01	Siemens
< 20 mA	48 V – 264 V AC / 1.8 A	3TX7 002-3AB00	Siemens
9 mA	250 V AC / 6 A	PLC-RSC-24DC/21	Phoenix Contact (www.phoenixcontact.com)
9 mA	250 V AC / 6 A	PLC-RSP-24DC/21	Phoenix Contact (www.phoenixcontact.com)

1) For technical data, see catalog "Switchgear and Systems".

2) For technical data, see catalog KT 10.