

Power supply module

RE 29729/11.09
Replaces: 07.05

1/4

Type VT 11006, VT 11116

Series 1X



F87163_d

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Features

Page	The power supply module supplies two stabilised voltages. It is used to supply external, electrical consumers.
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2	Special features:
2	– VT 11006-1X: 24 V / ± 15 V
3	– VT 11116-1X: 24 V / ± 10 V
3	– Switched-mode power supply unit
3	– Reverse voltage protection
	– Function monitoring by means of LED lamps
	– Output voltages electrically isolated from operating voltage

Ordering code

VT 11

= 006

= 116

1X

*

1X =

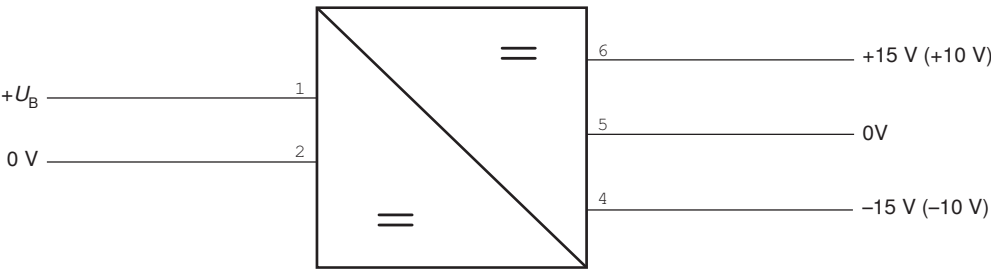
24 V power supply module
Output voltage ±15 V
Output voltage ±10 V

Further details in clear text
Series 10 to 19
(10 to 19: unchanged installation
and connection dimensions)

Technical data (For applications outside these parameters, please consult us!)

		VT 11006-1X	VT 11116-1X
Operating voltage	U_B	21.5 V_{eff} to 35 V_{eff}	21.5 V_{eff} to 35 V_{eff}
– Three-phase bridge (winding)	U	21.5 V to 35 V	21.5 V to 35 V
– Full bridge (winding)	U	20 V to 24 V	20 V to 24 V
(with external smoothing capacitor only, 2200 μ F per module)			
Power consumption	P	≤10 VA	≤10 VA
Output voltage	U_O	±15 V (±1 %)	±10 V (±1 %)
Residual ripple content (referred to the nominal output voltage value)		<1 %	<1 %
Output current	I	max. ±200 mA	max. ±150 mA
Temperature range	t	–25 to +70° C	–25 to +70° C
Weight	m	~0.13 kg	~0.13 kg

Block circuit diagram



Terminal assignment

Operating voltage U_B	$+U_B$	1	4	-15 V (-10 V)
	0 V	2	5	0 V
	n. c.	3	6	+15 V (+10 V)

Notes

- The power supply module is not resistant to sustained short-circuit!
 - In the case of overloading of one output voltage, the second output voltage is reduced as well!
- In the case of continuous operation of several adjacent modules and temperatures higher than 40 °C, a minimum space of ≥ 20 mm must be maintained between the modules!

Unit dimensions (dimensions in mm)

