

Data Sheet 4.26/2

Power Module, Type LM

Description

The power modules LM 25 and LM 48 have been designed for the use in AC and DC Voltage Module Systems as well as for Impulse Voltage Module Systems. The power modules can be used with the basic control (BC) and also with the computer control system.

All power modules comprise a regulating transformer which is controlled by programmable logic controllers (PLC) of the SIEMENS type SIMATIC. The interaction with the control component is realized by a PROFIBUS interface via a fiber-optic link. Connectors for output, door safety circuit and external signal lamps are located on the rear side. Integral part of the power modules is the AC/DC Peak Voltmeter MU 18 (Data Sheet 5.56). The extension unit, LMO 5.1, for Impulse Voltage Module Systems has to be installed to use the power modules for Impulse Voltage Module Systems. Components which are required for additional options like the extension for Impulse Voltage Module Systems, the breakdown detection or secondary current measurement can be built in. The power modules are installed in a movable mini switching cabinet.

NOTICE

It is recommended to protect the power input circuit for the power module by a fuse. Due to the leakage current of the varistors, a residual-current circuit breaker cannot be used for protection!

Table 1: Main parameters

Type	Primary voltage	Output voltage	Frequency	Rated power ¹⁾	Output current	Rate of rise	Length x Width x Height (approx.)	Weight (approx.)
	V	V	Hz	kVA	A	Vs	mm	kg
LM 25	230 ±10%	0 ... 230	50/60	5.8	25	1 ... 25	1090 x 505 x 740	100
LM 48	230 ±10%	0 ... 230	50/60	11	48	1 ... 25	1090 x 505 x 740	110

¹⁾ continuous

Type designation

LM a

a = rated power in kVA

Dimensional drawing

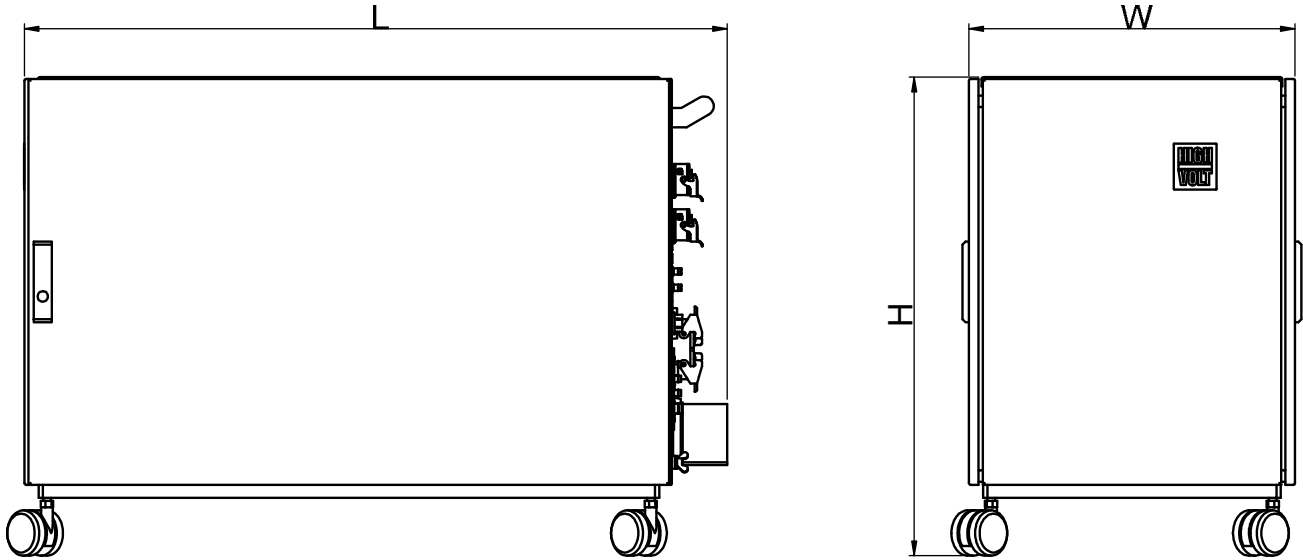


Figure 1: LM 25/48