

VARIODYN[®] D1

Mains switching unit

MSU

AVD-G11-A371

Product sheet



Application

The MSU unit distributes the mains power to all VARIODYN[®] D1 components mounted in the rack.

In addition the unit offers a socket for the connection of a laptop for local/network wide maintenance purposes.

Function

Each of the 3 phases can be loaded with up to 18A. The circuit breakers release automatically on excess current but can also be used for manual switching of the mains voltage supply. The operating state is indicated with green indicator lamps and the switch position can be monitored by the auxiliary contacts.

A front side 230V standard equipment socket and a RJ45 socket are available for the connection of a laptop PC.

Connectors and Indications

- 3 Mains circuit breakers (1 MCB per phase) with lamp
- 3 connections each for auxiliary switch contacts per MCB (Make, Break, Common)
- 230V standard IEC mains socket, switched together with L1
- RJ45 socket for ETHERNET connection

Technical data

Thermal fuse:	
Nominal current	20 A
Voltage Controllamp	230 V~
Life cycle	10 000 Switch movements
Switching	single pole
increased isolation in the operating area	
Over-voltage resistance	Test voltage AC 3000 V
Isolation resistance	>100 MΩ (DC 500 V)
Switching capacity Icn	150 A
Approvals:	
VDE, Semko (EN 60934)	AC 240 V, DC 28 V
BV, LroS	AC 250 V, DC 28 V
UL, CSA	AC 250 V, DC 50 V
Auxiliary contacts:	
Type	change over
Nominal voltage	AC 250 V; DC 220 V
Nominal current	
Alternate current	250 V max. 4 A
Direct current	0-24 V max. 4 A
	60 V max. 1 A
	110 V max. 0,5 A
	220 V max. 0,25 A
Over-voltage resistance	test voltage AC 3000 V
Isolation resistance	>100 MΩ (DC 500 V)
Ambient temperature range	
Relative humidity	-5° C to +55° C
	15 % to 90 %
Dimensions (HxWxD)	
Weight	1 HU, 19", 345 mm
	approx. 4,2 kg



Ordering Data

	Order No.
Mains switching unit MSU	AVD-G11-A371
Mounting set 1	AVD-G11-A703