VARIODYN ONE

Main Switching Unit – MSU

APPLICATION

The MSU (Main Switching Unit) is used to secure the power supply of all VARIODYN® ONE components that are installed in a rack. In addition, it offers a connector for connecting a service PC for local/network-wide maintenance purposes.

All connected PAVA system components can be switched ON or OFF by using the switches. On detecting a short circuit or an overload, protective function is automatically triggered, and the connected PAVA system components are disconnected from the power supply.



MSU - 585002

FEATURES AND BENEFITS

- 3 over current switches with lamp (one per phase)
- Green indicator lights to display switching status
- 3 connections for auxiliary changeover contacts for each overcurrent switch
- 230 V IEC power socket
- RJ45 socket enables ease of maintenance through a PC/ laptop

MSU SPECIFICATION

GENERAL	
Ambient temperature	-5 °C ... +55 °C
Storage temperature	-10 °C ... +60 °C
Humidity	15 % ... 90 % rel. hum. (non-condensing)
Housing	Metal
Color	Grey, similar to RAL 7016
Weight	7.61 kg
Dimensions (W x H x D)	483 x 44 x 345 mm (1 HU)
Specification	EN 54-16

THERMAL FUSE PROTECTION	
Rated current	18 A
Indicator lamp	230 V AC
Service life	10,000 switching cycles
Deactivation	Single-pole
Withstand voltage	Test voltage 3000 V AC
Insulation resistance	>100 MΩ (500 V DC)
Switching capacity Icn	150 A
Approvals/Certifications	VDE, Semko (EN 60934) 240 V AC, 28 V DC BV, LroS 250 V AC, 28 V DC UL, CSA 250 V AC, 50 V DC?

AUXILIARY CONTACTS	
Rated voltage	250 V AC
Rated current	max. 4 A @ 250 V AC
Withstand voltage	Test voltage 3000 V AC
Insulation resistance	> 100 MΩ (500 V DC)

ORDER INFORMATION

MODEL NAME	PART NO.	DESCRIPTION
MSU	585002	Mains Switching Unit

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