Primary switch mode – three-phase

General

The heart of a primary switch unit is the test insulator. The concept equals, smooths and highly frequenced the primary voltage, which will be transformed and stabilized into a lower secondary voltage. A compact form and less weight is an advantage.

Higher demand for the power supply technology in automation, sensor and artoric technology requires new solutions. The problem of not reliable power supply causes a higher risk. Exactly defined voltage levels come to a bad end. To meet those requirements, the use of a regulated power suppy is unavoidable.

Designed for the world-wide use, the MCS and MPS units have all the important and required international approvals.

MCS allows usage in applications where space is at a premium.

MPS exceeds all expectations. Extensive standards, such as PLC and automation systems, are now available for these power supply units.

Further information about primary switch modes single phase is located in chapter 4.5 . . .

Valid for units, which don't meet the EN 61000-3-2 guideline.

Attention

This unit was designed for application in industrial environment (closed energy networks) and do not fulfills the requirements of the EN61000-3-2: 1995 + A1 + A2 + A14/2000 regarding harmonic.

The power supply may only be connected to public energy networks

- If the total measured power is greater than 1 kW
- If the total input current per conductor exceeds 16 A
- If the measured power is under 75 W (in the future 50 W) and does not have loads for illumination.

Notice

At parallel operation should be considered the sum of the individual power measurements

- If the unit is supplied with less then 220 V (neutral outgoing connection)

This restrictions are valid from January 1, 2001 in all European countries. Other countries can also make use of these.

Primary switch mode

MCS with PFC (EN 61000-3-2)

Primary switch mode power supply for demanding applications. The units are touch protected, overload and short-circuit protected. Snap on to DIN-rail, small units for limited space requirements.

Input voltage: 3 x 400 V AC resp. wide voltage input (3 x 360 . . . 550 V AC)
Output voltage: 24…28 V DC adjustable
Output current: 10/ 20/ 40 A
PIP - *Power* +

For industrial use is also available a version without PFC.

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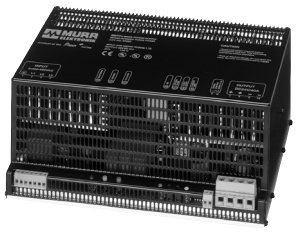

MPS

Primary switch mode power supply for demanding applications and integrated UPS function.
The units are touch protected, overload and short-circuit protected. DIN-rail mountable.

Input voltage: 3 x 400 V AC resp. wide voltage input (3 x 360 . . . 550 V AC)
Output voltage: 22…28 V DC adjustable
Output current: 10/ 20/ 40 A
PIP - *Power* +

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