

General

The galvanic isolation of the input and output sides as well as the alteration of the mains voltage (i.e. into low voltage) is achieved by the transformers.

The power supply units to EN 61558 are built with either top or side mounted bridge rectifier and electronics. This both protects the electronics and enables the units to meet touch protection guidelines BVG-A2 and EN 60529.

Power supply units are fitted with angled fixing brackets and key-holes to enable simple mounting.

Conventional power supply units offer a higher power and are less expensive compared to switch mains. In addition the nominal power rating can be raised and is therefore suitable for applications with a high current.

Advantage

- highly reliable through economical use of units
- high life expectancy of units
- less disturbing potential

Smoothed



MPL

Power supplies with smoothed output voltage.

The units are touch protected.

Input voltage: 3 x 400 V AC \pm 5 % tapplings
3 x 208...520 V AC

Output voltage: 24 V DC SELV

Output current range: 5...60 A

from page 4.4.2



MDG

Power supplies with smoothed output voltage.

The units are touch protected.

Input voltage: 3 x 400 V AC \pm 5 % tapplings

Output voltage: 24 V DC SELV

Output current range: 2.5...60 A

from page 4.4.6