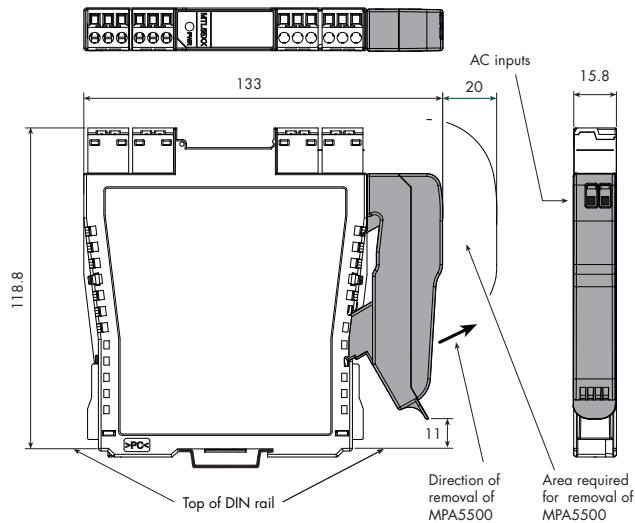


MPA5500

A.C. POWER ADAPTOR

The MPA5500 enables any MTL5500 Series module that is normally powered from a nominal 24V DC supply (i.e. those that are not loop-powered) to be powered from a high-voltage AC supply.

It plugs into the power socket (terminals 13 and 14) of an MTL5500 module and clips securely onto the module housing. The 25V DC power output from the adaptor is sufficient to supply a single module and can be connected to any normal AC power source.



SPECIFICATION

Input voltage

85 – 265V AC, (45–65Hz)

Efficiency

71% typ. at 230V AC

Power dissipation

1.2W typ at 230V AC.

Input terminals

Cage-clamp terminals accommodating conductors up to 1.5mm² stranded or 16AWG single-core

Input protection

internal fuse, not user serviceable

Output voltage

25Vdc ± 10%

Output current

120mA at 25V

Ambient temperature

Operating: –20 to +60°C

Storage: –40 to +80°C

Mounting

Plugs into and clips onto MTL5500 Series I/O module
It is not for use with any equipment other than MTL5500.

Humidity

5 to 95% relative humidity

Mechanical

Ingress Protection: IP20

Material: polycarbonate

Weight: 28g approx.

Standards compliance

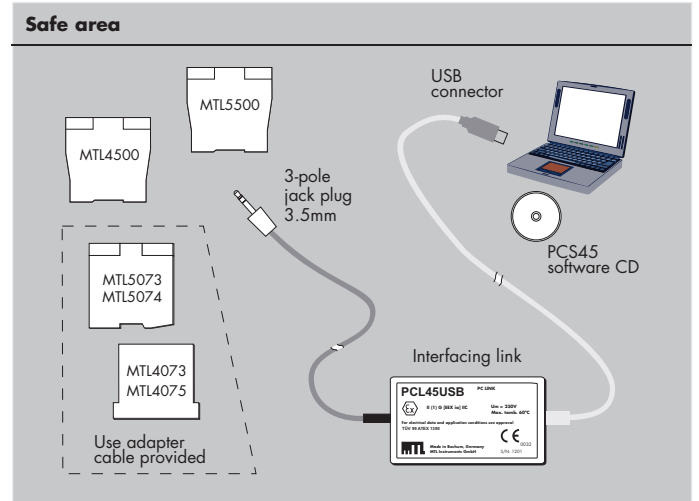
EN 61326, EN 61010

PCS45/PCL45USB

CONFIGURATOR

FOR MTL CONVERTERS

The PCS45/PCL45USB configurator allows MTL converters to be configured from a standard PC running a Microsoft® Windows® operating system. It comprises PC software, provided on a CD (PCS45), and an ATEX certified interfacing link (PCL45USB). Converters can be configured from the safe area, while on-line, and configurations can be saved to disk and printed out when required. It is suitable for use with MTL4000, MTL4500, MTL5000 and MTL5500 series products.



SPECIFICATION

PCL45USB hardware

Location

Safe area

Connections

PC side: USB B(F) socket

Converter side: cable with 3.5mm jackplug, 3-pole for MTL4500 and MTL5500 series converters. An adapter cable is provided for other earlier MTL converters.

Cable lengths

Converter side (fitted): 1.5m

USB cable A(M) to B(M) (supplied): 2m

Ambient temperature limits

–10°C to +60°C operating

–20°C to +70°C storage

Humidity

5 to 95% relative humidity (non-condensing)

Weight

200g

PCS45 Configuration software

Compatible with Windows 2000 or Windows XP.

Consult MTL for operation with any other operating system, e.g. Windows Vista™.

Software medium

PCS45 supplied on CD

Updates are available at www.mtl-inst.com

Recommended minimum PC configuration

Microsoft Windows 2000 or Windows XP

20MB of available hard disc space

CD ROM drive

Available USB port

Printer (local or network)

The given data is only intended as a product description and should not be regarded as a legal warranty of properties or guarantee. In the interest of further technical developments, we reserve the right to make design changes.



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EPS45/5500 Rev3 250310