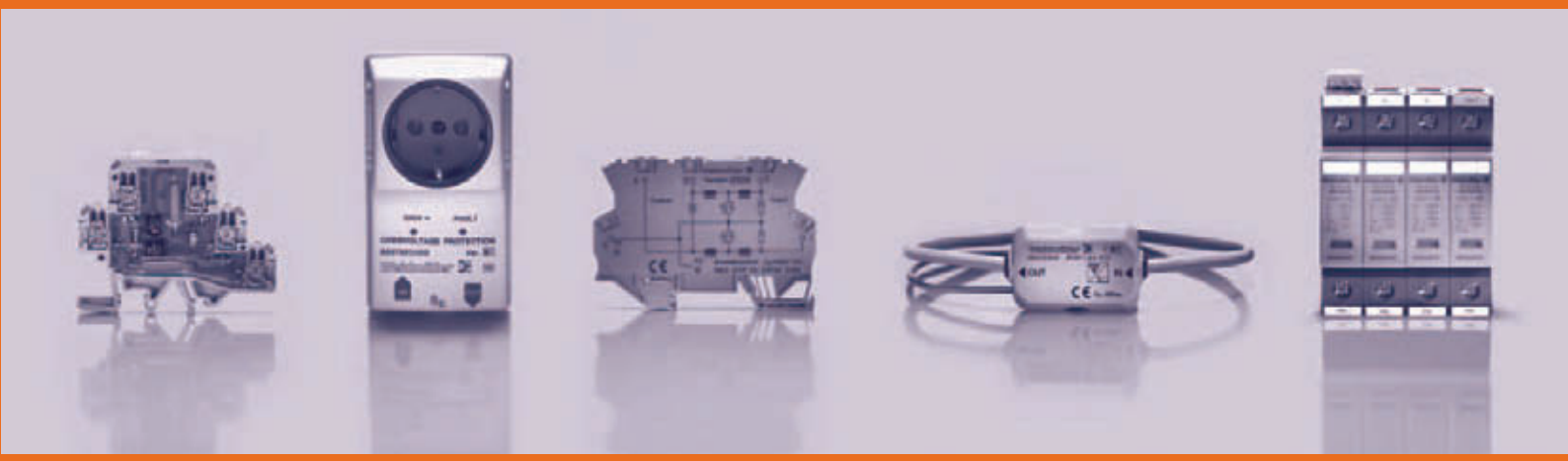


Overvoltage Protection

Catalogue 2006/2007

Weidmüller

Overvoltage Protection 2006/2007


The bacics of Overvoltage Protection


Overvoltage Protection for low-voltage supplies


Overvoltage Protection for instrumentation and control equipment


Overvoltage Protection for data interfaces


Things worth knowing about Overvoltage Protection

Appendix

Index, Worldwide activities

X

Overvoltage Protection for low-voltage supplies

PU 1 TSG+
Page B.10

Lightning arrester class I up to 50 kA (10/350 µs) per unit with triggered sparkover gap for industrial main distribution boards, 330 V

PU 1 TSG+
Page B.10

Lightning arrester class I up to 50 kA (10/350 µs) per unit, with triggered sparkover gap for industrial main distribution boards, 440 V

PU 1 TSG
Page B.11

Enclosed lightning arrester class I up to 35/50/100 kA (10/350 µs), 17.5 mm wide, for use in main distribution boards, 230 V

PU 1 TSG, N-PE path
Page B.11

Enclosed lightning arrester class I up to 50 kA (10/350 µs), 17.5 mm wide, for insertion between N and PE (3+1 circuit)

PU BC/PU BCR
Page B.13

Pluggable class I+II overvoltage protection and lightning protection. High pulse Current of 16 kA (10/350 µs) by IEC 60364-5-53.

Combination arrester
Page B.16

Combination arrester for 4-conductor and 5-conductor system

PU II series
Page B.20

Surge voltage protector class II, with varistors for main distribution or subdistribution boards (also with remote signalling contact)

PU III series
Page B.39

Surge voltage protector class III, single-phase with gas discharge tube and varistor for equipment protection, slimline model with remote signalling contact

Overvoltage Protection for low-voltage supplies / instrumentation and control equipment

PU D
Page B.42

Surge voltage protector class III, three-phase with gas discharge tube and varistor for equipment protection, with remote signalling contact

PU 3D
Page B.43

Class III overvoltage protector 3-phase, with gas discharge tube and varistor for protecting devices with remote signalling contact

PO DS
Page B.43

Surge voltage protector class III, single-phase with gas discharge tube and varistor for equipment protection, build-in module with visual indication

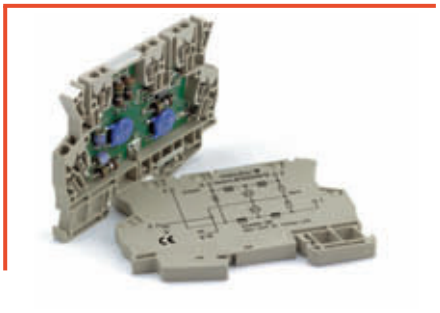
PU D ZS
Page B.45

Plug-in overvoltage protector, also for protecting ISDN or analogue lines

Wavefilter
Page B.52

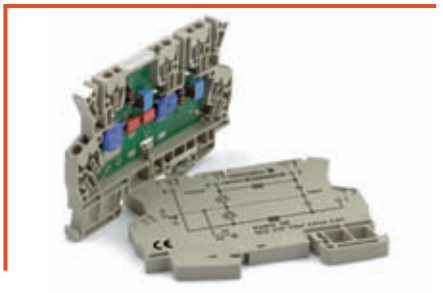
Mains filter, 3/6/10 A, with screw connection for 230 V devices or voltage supplies

MCZ CL/SL
Page C.7



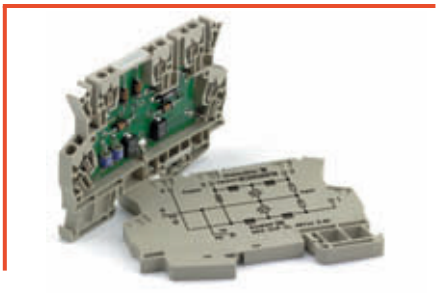
Instrumentation and control engineering overvoltage protection for binary and analogue signals, slimline model (6 mm) with tension spring connection and mounting rail contact

MCZ Filter
Page C.14



Instrumentation and control engineering filter for analogue signals, slimline model (6 mm) with tension spring connection and mounting rail contact

MCZ GDT, MOV, TAZ
Page C.15



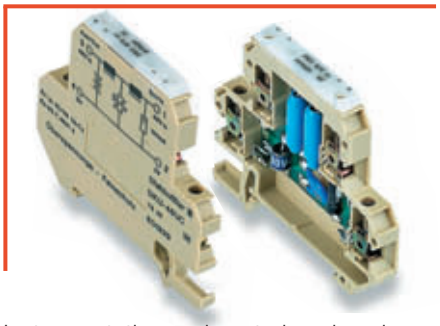
Instrumentation and control engineering overvoltage protection with individual protective elements (GDT, MOV, TAZ), slimline model (6 mm) with tension spring connection and mounting rail contact

LPU
Page C.39

Instrumentation and control engineering overvoltage protection for binary and analogue signals, plug-in model with screw connection (connection variations and test option)

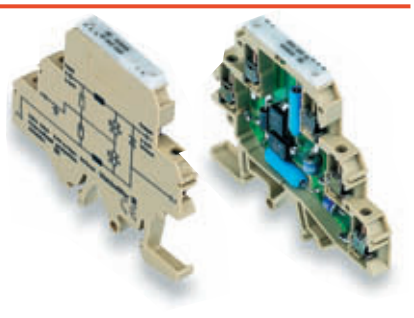
Overvoltage Protection for instrumentation and control equipment

DKU
Page C.18



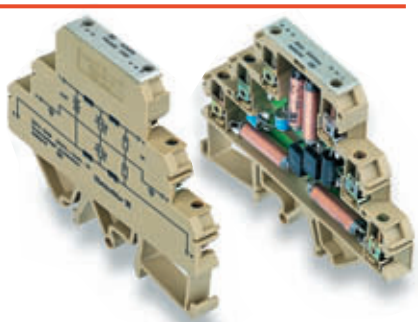
Instrumentation and control engineering overvoltage protection for binary and analogue signals, slimline model (5 mm) with screw connection

DK5U
Page C.20



Instrumentation and control engineering overvoltage protection for binary and analogue signals, slimline model (6 mm) with screw connection

DK6U
Page C.21



Instrumentation and control engineering overvoltage protection for binary and analogue signals, slimline model (8 mm) with screw connection

DK4U
Page C.22

Instrumentation and control engineering overvoltage protection with individual protective elements (GDT, MOV, TAZ), slimline model with screw connection

DK4RC
Page C.24

RC combination, suppressor circuit for contactors and solenoid valves, with screw connection

EGU 1/2
Page C.27

Two-stage instrumentation and control engineering overvoltage protection for binary signals, with integral fuse (5 x 20 mm) and screw connection

EGU 3 / EGU 4
Page C.28

Two- and three-stage overvoltage protection for binary and analogue signals up to 1.5 A, with rotating clip-in foot.

JACKPAC®
Page C.30

Single- and three-stage overvoltage protection in IP 67 quality: for protecting binary switching signals up to 24 V, or for analogue measuring circuits with 0…20 mA or 0…10 V.

RSU 6/10 A
Page C.34

Three-stage overvoltage protection for analogue signals with high current requirement, or for power supplies in instrumentation and control systems

Overvoltage Protection for data interfaces

EGU 4 RS232
Page D.4

Overvoltage protection for RS 232 data interface in EG4 housing, with screw connection

ZS RS232
Page D.4

Overvoltage protection for RS 232 data interface in flat connector housing, available as plug or socket connector

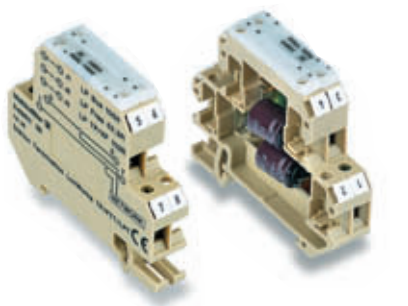
LPU RS485 / RS422
Page D.5

Overvoltage protection for RS 485 and RS 422 data interface, plug-in model with screw connection

RS485
Page D.5

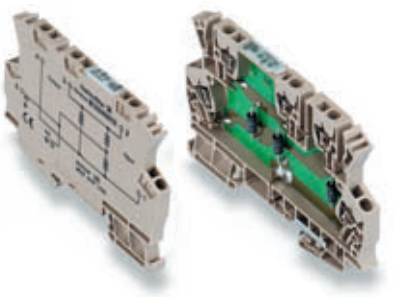
Overvoltage protection for RS 485 data interface, in protected housing with T-junction option and optional earth connection via gas discharge tube

LON™ Termination
Page D.6



Bus termination terminal for LON Termination LPT/FTT/TP 78, with screw connection

MCZ OVP LON™
Page D.6



Overvoltage protection for LON bus in MCZ housing, with tension spring connection and mounting rail contact

DME Ethernet Cat.5
Page D.7

DME Ethernet CAT.5 overvoltage protection

Telecommunications interfaces
Page D.9

TAE-NFN for analogue and ISDN lines