

# CPT

Specialists in Lightning and Surge Protection



NEW PRODUCT INTRODUCTIONS

**CPT** cirprotec

## Type 1+2 Pluggable Surge Protectors



**PSC** stands for the renewed design and extended scope of the range of pluggable Type 1+2 protectors, for use in service entrances or areas exposed to lightning activity.

limp (10/350): 12,5kA, 25kA TT, TNS, TNC and PV  
 I<sub>max</sub> (8/20): 65kA, 100kA Remote indication, also N-PE  
 U<sub>n</sub>: 120V, 230V



PSC

## Type 2 Pluggable Surge Protectors



**PSM** stands for the renewed design and extended scope of the range of pluggable Type 2 surge protectors against transient overvoltages.

I<sub>max</sub> (8/20): 20kA, 40kA Network configurations:  
 TT, TNS, TNC and PV  
 Diagnostics: visual & remote indication  
 U<sub>n</sub>: 120V, 230V



PSM

## UL 1449 3rd Ed / NEMA Surge Protectors



The range of NEMA type TVSS transient voltage surge suppressors has been adapted to meet UL 1449 3rd Ed.

**CPS Nano** is the compact hardwired TVSS series of all-mode protectors (L-G, N-G, L-N, L-L) with Multi-Discharge technology. It has been developed to conveniently complement the **CPS Block** series of high end modular surge protective panels, which feature IAC Intelligent Aging Control and thermal-mechanical disconnection (non-fused). Both series meet IEC-61643 (I<sub>max</sub> test).

I<sub>max</sub>/phase (8/20): 40kA to 240kA, all network configurations.



CPS Nano



CPS Block

## Type 2+3 Surge Protectors with EMI filter



**DM2** is the new Type 2+3 device for standard and fine protection against transient overvoltages. DM2 is a series connected device (up to 20A), equipped with EMI filter (up to 80dB) and remote indication. I<sub>max</sub> (8/20): 40kA.

**CS21cd** is the compact (1-DIN rail module) Type 2+3 device. I<sub>max</sub> 20kA.



DM2

CS21cd

## Photovoltaic Surge Protectors (DC)



**PSC3** (limp 12,5kA / I<sub>max</sub> 65kA) and **PSM3** (I<sub>max</sub> 40kA) are pluggable Type 1+2 and Type 2 surge protectors for PV installations. U<sub>oc</sub>: 600, 1000 Vdc.

**CS23** is the compact Type 2 (I<sub>max</sub> 40kA) PV device for common and differential mode protection in only 2 modules, DC "Y" wired.



CS23

PSM3

NEMA / UL TVSS

TYPE 2 SPD

TYPE 1+2 SPD

TYPE 2+3 SPD

PHOTOVOLTAIC

CPT

RADIOFREQUENCY

TELECOM

TOV

INSULATION MONITOR

GROUNDING MONITOR

ISO-CHECK

G-CHECK

V-CHECK 4MR

Overcheck

KPL

CT-05



## Insulation Monitoring Device

**Iso-Check** is the insulation monitor for unearthed power supplies such as IT systems. Iso-Check continuously measures the insulation resistance between the active conductor and ground. Available for voltages up to 440Vac.



## Grounding System Monitor

**G-Check** is the revolutionary product for TT and TNS networks that checks the grounding installation status in real time and triggers a warning system if the installation is defective or deteriorated.

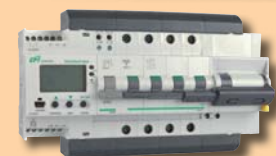
G-Check is a standalone, compact DIN-rail mountable device for installation in panels.



## Permanent Overvoltage Protectors (TOV)

**Overcheck** is the series of compact programmable protectors against permanent overvoltages and undervoltages, with built-in self-reclosing earth leakage control relay.

**V-Check 4MR** is the series of 3-phase combined protectors against permanent and transient overvoltages, with built-in self-reclosure. Suits applications requiring 24/7 COS continuity of service. Both systems come equipped with a main MCB.



## LSA-Plus / Krone Telecom Protectors

**KPL** is a single pair, multistage transient overvoltage protector for Krone terminals in telecom building entrance applications. KPL combines fine protection (U<sub>p</sub> < 0,35kV) and optimal surge rating (I<sub>max</sub> 15kA). These all-mode protectors (L-L/L-PE) are intended for telecom lines: ADSL, PSTN and ISDN. Easy plug-out thanks to soft pull-out fin.



## RF Surge Protectors

**CT05** is the series of radiofrequency signal line protectors. CT05 truly protects highly sensitive RF devices against transient overvoltages with U<sub>p</sub> < 45V. CT05 series has a replaceable surge module. Available for most applications and connectors: BNC, F, TV, TNC, N, UHF.





[www.cirprotec.com](http://www.cirprotec.com)



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