

NEWSLETTER

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CPS NANO RANGE

Hardwired Surge Suppressor (UL 1449 3rd Ed)



CPS **Nano** is a range of compact hardwired TVSS surge protection systems for all-mode protection (L-G, N-G, L-N, L-L) against transient surges according to UL 1449 3rd Ed.

The system is delivered hardwired and is easy to wire parallel to the installation. A specific model is available for each network configuration and voltage rating. All models are equipped with following features: MDS Multi-Discharge System (thermal and short-circuit disconnection of MOVs, each one individually fused), All-Mode Protection and Diagnostic LEDs (Protection Status and Voltage).

The Max. Surge Current per phase (performance parameter) covers a standard range from 40 kA up to 120 kA, always suppressing transients with an optimal VPR voltage protection rating (known as clamping voltage in 2nd Ed UL 1449), hence offering effective protection to equipment downstream.



First Power & Surge Protection Ltd

Electronic Lightning & Surge Protection-Electrical Under-voltage and Over-voltage-Harmonics and Power Factor Correction Specialist

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CPS **Nano** is Cirprotec's range of TVSS protectors which conveniently suits medium to low exposed service entrances (IEEE "C location category"), distribution panels (IEEE "B location category") and branch panels (IEEE "A location category"). All suppression circuits and MOVs are resin encapsulated providing protection from environment and vibrations. Non metallic enclosure, NEMA Type 12.

CPS **Nano** systems do also meet these standards: UL 1449 2nd Ed., IEC-61643 and IEEE C.62.41.1 & C.62.41.2 2002.

Code: 777976YZ

Y	I _{max} /phase
1	40 kA
2	60 kA
3	80 kA
4	120 kA

Z	Network	V (L-N)
1	1 phase	120 V
2	1 phase	230 V
3	Split phase	120 V
4	3 Phase WYE	120 V
5	3 Phase WYE	230 V
6	3 Phase WYE	277 V
0	High Leg Delta	120 V



If you are interested in the above product and would like our brochures, then please contact us on either tel: 07728 226557 or e-mail us at info@firstpowerandsurgeprotection.com



DIN 24V-3A

Electrical Protector

DIN 24V-3A range is used for the fine protection of equipment. It is designed for installations and equipment supplied with 24V and provides protection in common and differential modes. It must be installed in series with the equipment and on DIN rail.



DOMOPACK

Home protection kits

The DOMOPACK range is a bundled solution comprising several surge protective devices needed for complete protection against transient overvoltages in standard Homes. The configuration may depend upon the type of housing area: city (15 kA) or rural (40 kA). Protection is available for either single-phase or three-phase electrical power installations.



First Power and Surge Protection Ltd

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