



Automatización Eléctrica
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#)

Surge protection and interference filters

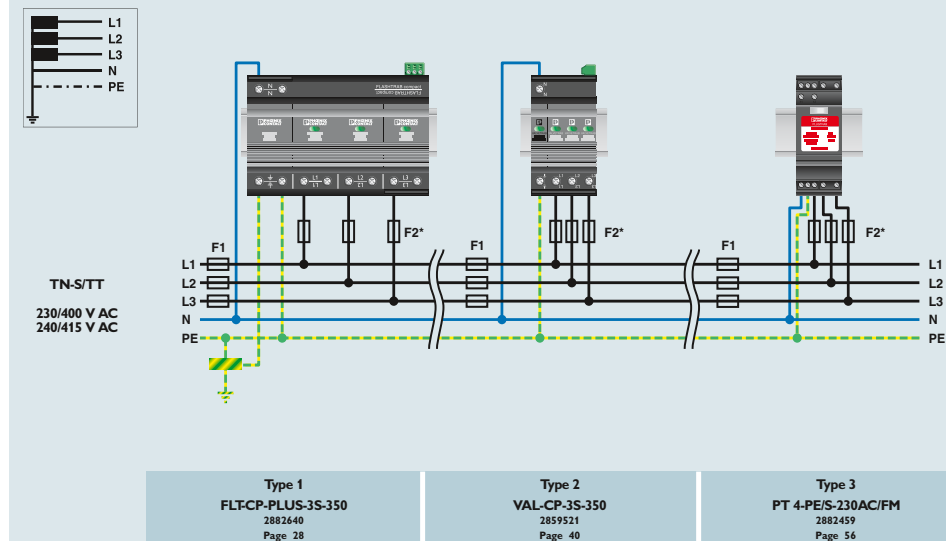
Selection guide and applications

General information on the application drawings below

- The example illustrations are intended to help you select the right surge protection. They make no claim to be complete with regard to the prescribed safety measures.
- The illustrated connection diagrams do not replace standard-compliant planning of a protection concept by an electrical or lightning protection specialist.
- The fixed electrical installation may only be accessed by trained specialist personnel.
- In order to ensure the correct and appropriate use of products, the relevant installation notes must be observed prior to installation or startup.
- All information/notes can be downloaded under the relevant product documentation at www.phoenixcontact.net/products.

Distinguishing features of the protective devices for the power supply	Type 1	Type 1+2	Type 1/2	Type 2	Type 3
Lightning protection zone transition	0-1	0-2	0-1/1-2	1-2	2-3
Without detailed calculation of the lightning surge current at the installation location can be used at Lightning Protection Level	I - IV	I - IV	III - IV		
Type 1 and type 2 combined in a single device Can be used universally		☑			

Three-stage protection for the power supply, type 1 and type 2 installed separately + type 3

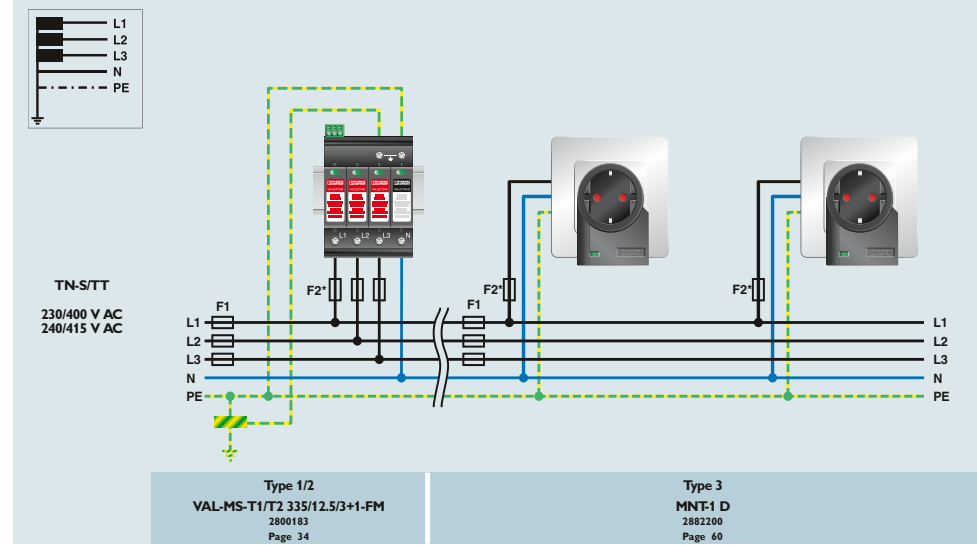


* F2 is not needed if F1 ≤ maximum backup fuse according to IEC

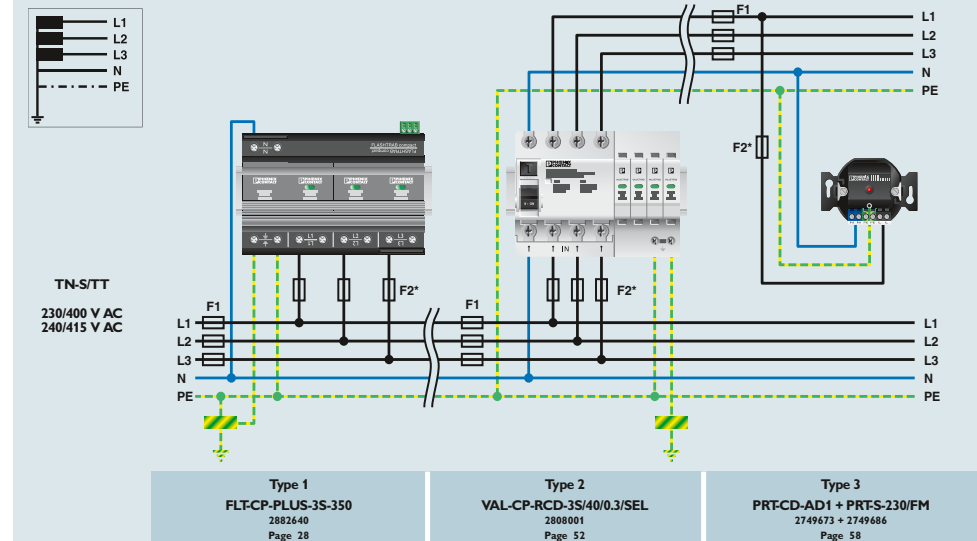
Surge protection and interference filters

Selection guide and applications

Two-stage protection for the power supply, type 1/2 combination based on varistor + type 3



Three-stage protection for the power supply, type 1 and type 2 installed separately + type 3



* F2 is not needed if F1 ≤ maximum backup fuse according to IEC

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
Flush-type socket base for equipment protection plug PRT-S...	2749673	PRT-CD-AD1	Buy on EAN
Equipment protection plug PRT-S with temperature monitoring, visual fault warning and remote indicator contact. Nominal voltage: 230 V	2749686	PRT-S-230/FM	Buy on EAN
Plug-in type 2 arrester (surge arrester) for 3-phase power supply networks with separate N and PE (5-conductor system: L1, L2, L3, N, PE), with remote indication contact.	2859521	VAL-CP-3S-350	Buy on EAN
Pluggable type 3 arrester (device protection) for 3-phase power supply networks with separate N and PE (5-conductor system: L1, L2, L3, N, PE) with remote indication contact.	2882459	PT 4-PE/ S-230AC/FM	Buy on EAN
Pluggable lightning current arrester, in acc. with type 1/class I/B for 3-phase power supply networks with combined PE and N (L1, L2, L3, PE, N).	2882640	FLT-CP- PLUS-3S-350	Buy on EAN