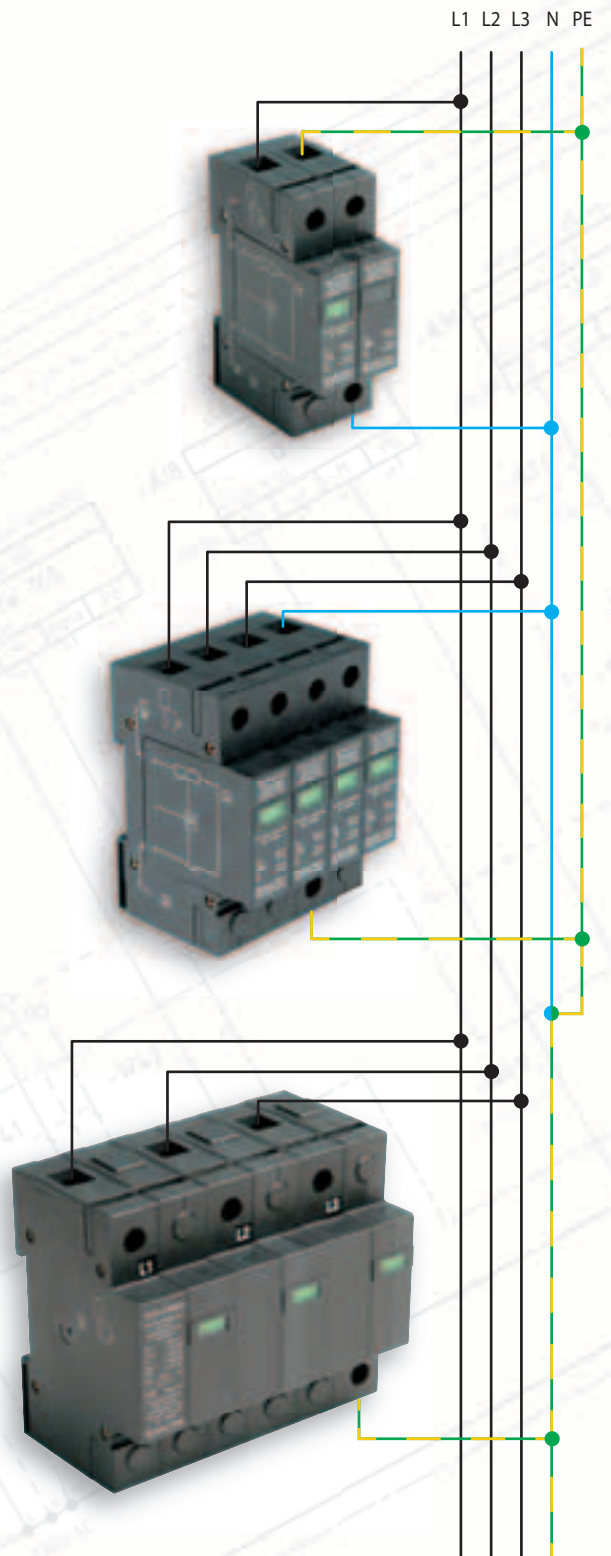


Surge Protection

Low Voltage



T1

FLP-B+C MAXI

**Combined lightning and surge arrester
MOV and spark-gap in serial connection**

T2

- $I_{imp} = 25 \text{ kA}$ (10/350) per module
- $I_{imp} = 100 \text{ kA}$ (10/350) total TNS/TT
- $I_{max} = 60 \text{ kA}$ (8/20)
- No leakage current
- No follow current
- $U_c = 260 \text{ V AC}$
- $U_p < 1,5 \text{ kV}$

25 kA
(10/350)

Installation into main distribution board

60 kA
(8/20)

Versions:
FLP-B+C MAXI (single), FLP-B+C MAXI/1+1 (for single phase supply of system TT or TN-S),
FLP-B+C MAXI/3 (for system TN-C or TN-C-S), FLP-B+C MAXI/4 (for system TN-S),
FLP-B+C MAXI/3+1 (for system TT)

$U_p = 1,5 \text{ kV}$

Option: remote signalling

**T1**

FLP-12,5 V

**Lightning and surge arrester based on MOV
Replaceable varistor module**

T2

- $I_{imp} = 12,5 \text{ kA}$ (10/350) per pole
- $I_{imp} = 50 \text{ kA}$ (10/350) total TNS/TT
- $I_{max} = 60 \text{ kA}$ (8/20) per module
- $I_n = 30 \text{ kA}$ (8/20)
- $U_p < 1,2 \text{ kV}$

12,5 kA
(10/350)

Installation into main (or sub) distribution board

60 kA
(8/20)

Versions:
FLP-12,5 V (single), FLP-12,5 V/1+1 (single phase)
FLP-12,5 V/3 (for system TN-C or TN-C-S),
FLP-12,5 V/4 (for system TN-S), FLP-12,5 V/3+1 (for system TT)

$U_p = 1,2 \text{ kV}$

Option: remote signalling

**T1**

FLP-275 V

**Lightning and surge arrester based on MOV
Replaceable varistor module**

T2

- $I_{imp} = 8 \text{ kA}$ (10/350) per module
- $I_{max} = 65 \text{ kA}$ (8/20) per module
- $I_n = 30 \text{ kA}$ (8/20)
- $U_p < 1,2 \text{ kV}$

8 kA
(10/350)

Installation into main (or sub) distribution board

65 kA
(8/20)

Versions:
FLP-275 V (single module), FLP-275 V/1+1 (single phase)
FLP-275 V/3 (for system TN-C or TN-C-S),
FLP-275 V/4 (for system TN-S), FLP-275 V/3+1 (for system TT)

$U_p = 1,2 \text{ kV}$

Special version:
FLP-275 VE – twinmodule (2 parallel modules) – withstand per line $I_{max}=100\text{kA}$ (L-N)

Option: remote signalling



T2

SLP-275 V

Surge arrester to protect the distribution and equipment against overvoltage effects induced during a lightning strike and to prevent switching overvoltage
Replaceable varistor module

40 kA
(8/20)

$U_p = 1,2 \text{ kV}$

- $U_c = 275 \text{ V AC}$
- $I_{max} = 40 \text{ kA (8/20)}$
- $I_n = 20 \text{ kA (8/20)}$
- $U_p < 1,2 \text{ kV}$

Versions:

SLP-275 V (single), SLP-275 V/1+1 (for single phase supply of system TT or TN-S), SLP-275 V/3 (for system TN-C), SLP-275 V/4 (for system TN-S), SLP-275 V/3+1 (for system TT)

Installation into sub distribution board

Option: remote signalling

BESTSELLER

**T2**

SLP – for special applications

Surge arresters for different voltages:
from SLP-075 V up to SLP-550 V ($U_c = 75 \text{ V up to } 550 \text{ V AC}$),

75–600
V AC

Surge arresters for protection of inverters (for example wind turbines):
SLP-600 V ($U_{mov} = 880 \text{ V AC}$)

100–1000
V DC

Surge arresters for protection of **photovoltaic systems** on DC side: from $U_c = 100 \text{ V DC up to } 1000 \text{ V DC}$. On AC side using standard T1+T2 combined protections

Surge arresters without leakage current (for example for cathodic protection):
SLP-075 VB, SLP-130 VB, SLP-275 VB, SLP-385 VB ($I_{max} = 25 \text{ kA 8/20}$)

Replaceable varistor module

Single pole or combinations (TT, TNS...), special voltages or remote signalling available on request

**T3**

DA-275

Overvoltage protection for installation close to the equipment
or at the boundary of LPZ 2 and LPZ 3

5 kA
(8/20)

$U_{oc} = 10 \text{ kV}$

$U_p < 1,0 \text{ kV}$

- $U_c = 275 \text{ V AC}$
- $U_{oc} = 10 \text{ kV}$
- $U_p < 1 \text{ kV}$

Versions:

DA-275 V/1+1, DA-275 V/3+1 – for TT or TN-S system, replaceable varistor module

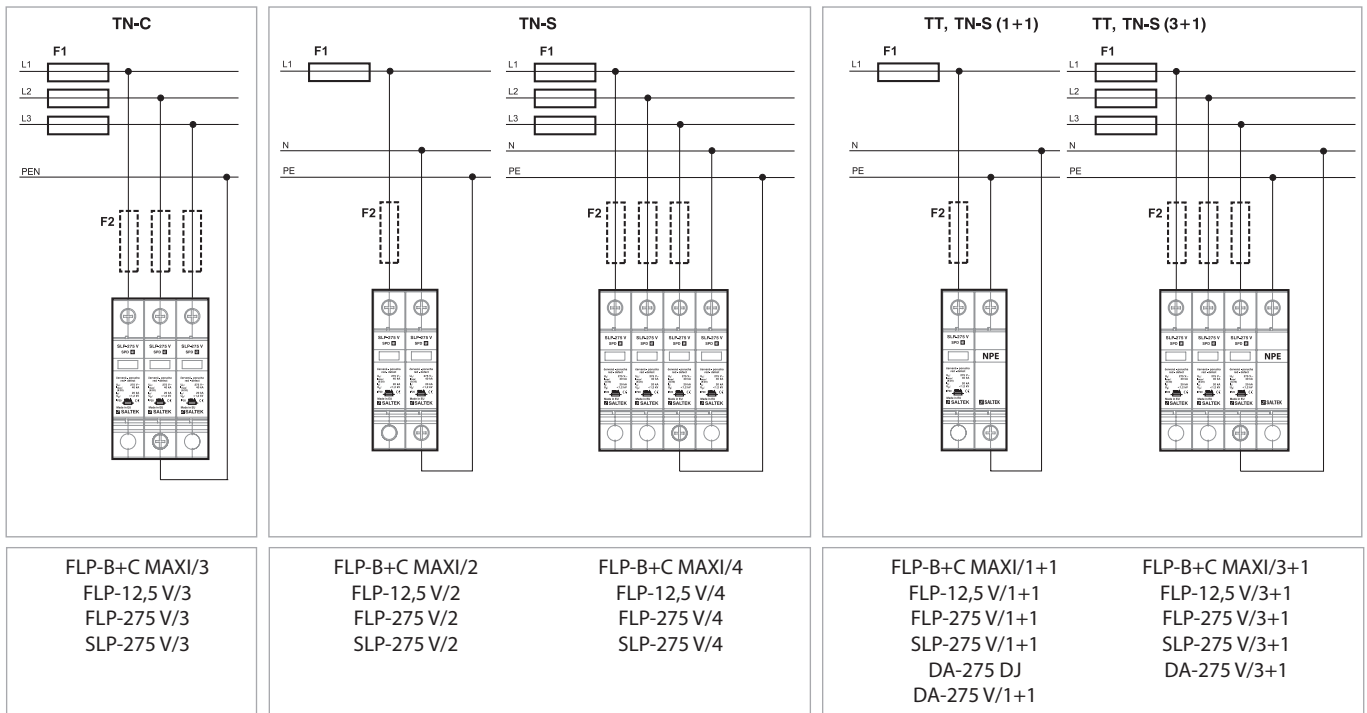
DA-275 DJ – 18 mm protection for one phase supply of equipment, also available $U_c = 130 \text{ V}$

DA-275 DF – overvoltage protection with RFI filter, load current 2, 6, 10 or 16 A

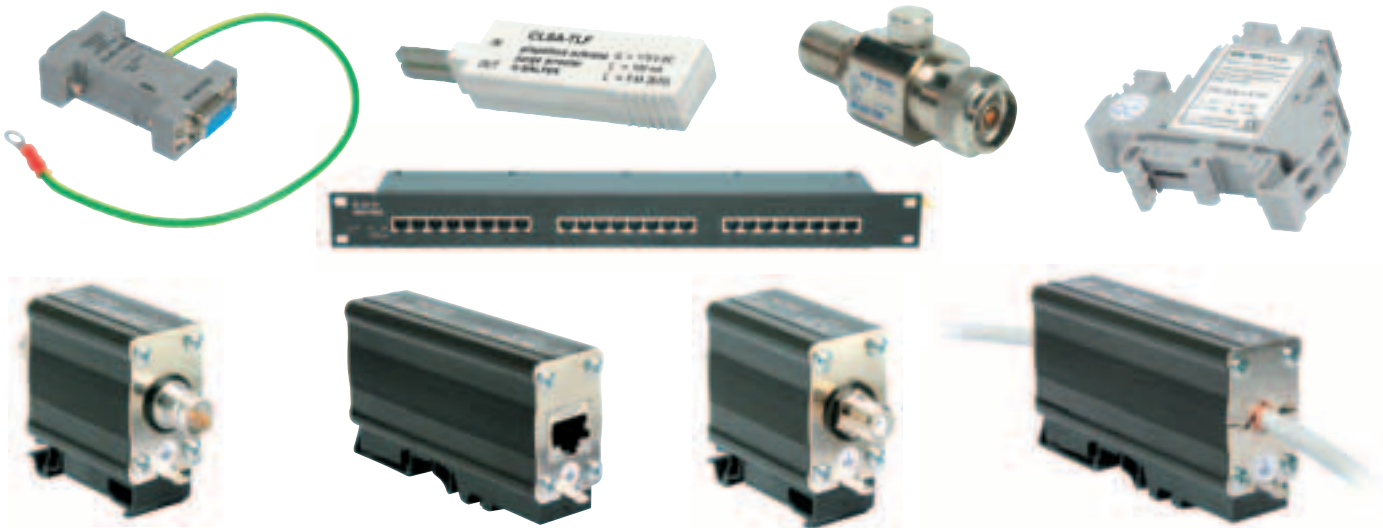
Option: remote signalling



Basic types of connection of low-voltage arresters



New protections for data, telecom, signal and control lines



Applications: RS-485/422/232, ADSL, Cat.6, LAN, UMTS, wireless, GSM, CCTV, 19"rack, M&C...

SALTEK, Limited Liability Company, is a Czech company specialized in the development and the production of surge protection devices (SPD). We offer a wide assortment of lightning current arresters and surge protections protecting electric and electronic equipment in low voltage supply mains, a wide range of surge protections for computers, measurement and control and telecommunication. All products conform to international standards. Exceptional attention is paid to care for product quality. The Quality Control System according to ISO 9000 standards was introduced and certified in 1998. In the following year, the company implemented the Safety Management System (OHSAS 14001) and the Environmental Management System (ISO 18001). Certification authority of SALTEK is TÜV NORD.

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