



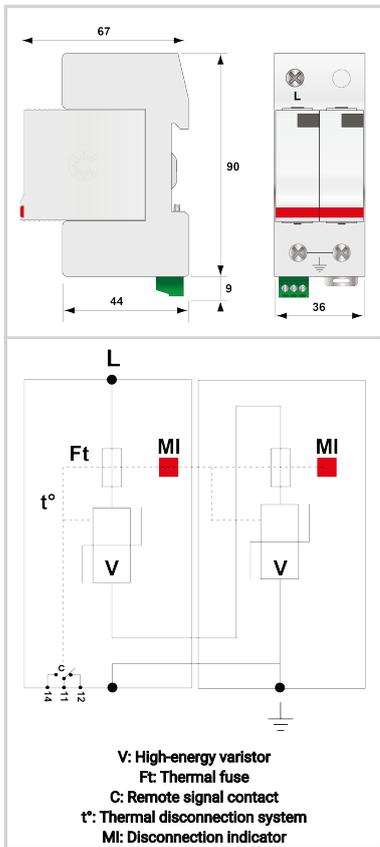
CITEL

Type 2 AC surge protector - 2-pole - pluggable

DS41S-1000/WD



- Type 2 AC surge protector
- In: 15 kA
- Imax total: 30 kA
- Pluggable module for each phase
- Remote signaling
- NF EN 61643-11, IEC 61643-11 compliance



Electrical Characteristics

| | | |
|--|-------|--------------------------|
| Network | | 400/690 V |
| Nominal line voltage | Un | 690 Vac |
| Max. AC operating voltage | Uc | 1100 Vac |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection | UT | 1450 Vac withstand |
| Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection | UT | 1900 Vac disconnection |
| Follow current | If | None |
| Nominal discharge current 15 x 8/20 μ s impulses | In | 15 kA |
| Max. discharge current max. withstand @ 8/20 μ s by pole | Imax | 30 kA |
| Connection mode(s) | | L/N or N/PE |
| Protection mode(s) | | Common/Differential mode |
| Protection level @ In (8/20 μ s) | Up | 5.1 kV |
| Admissible short-circuit current | Iscrr | 25 000 A |

Mechanical Characteristics

| | | |
|-----------------------------------|----|--|
| Technology | | MOV |
| SPD configuration | | 2-poles |
| Connection to Network | | By screw terminals: 2.5-25mm ² / by bus |
| Format | | Plug-in modular box |
| Mounting | | Symmetrical rail 35 mm (EN 60715) |
| Housing material | | Thermoplastic UL94 V-0 |
| Operating temperature | Tu | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | Disconnection from AC network |
| Disconnection indicator | | 2 mechanical indicators |
| Spare module(s) | | DSM40-1000/WD |
| Remote signaling of disconnection | | Output on changeover contact |
| Dimensions | | See diagram |
| Weight | | 0.234 kg |

Disconnectors

| | | |
|-----------------------------------|--|----------------------|
| Thermal disconnector | | Internal |
| Installation ground fault breaker | | Type 'S' or delayed |
| Back-up protection device | | Fuses type gG - 50 A |

Standards

| | | |
|----------------------|--|----------------------------|
| Standards compliance | | EN 61643-11 / IEC 61643-11 |
|----------------------|--|----------------------------|

Part number

4629212125

