

DS42S-75DC



- 2-pole 75 Vdc surge protector
- In 20 kA / I_{max} 40 kA
- Pluggable module
- Remote signaling
- IEC 61643-11, EN 61643-11 , UL1449 ed.4 compliance



| Electrical Characteristics | |
|---|--|
| SPD type (following IEC tests) | 1+2 |
| Network | 48 Vdc |
| Max. AC operating voltage | U _c 100 Vdc |
| Follow current | I _f None |
| Nominal discharge current (15 x 8/20 μs impulses) | I _n 20 kA |
| Max. discharge current (max. withstand @ 8/20 μs by pole) | I _{max} 40 kA |
| Impulse current by pole (max. withstand 10/350μs by pole) | I _{imp} 4 kA |
| Connection mode(s) | +/PE and -/PE |
| Protection mode(s) | Common mode |
| Protection level (@ I _n (8/20μs)) | U _p 390 V |
| Protection level L/N (@ I _n (8/20μs)) | U _p L/N 390 V |
| Protection level L/PE (@ I _n (8/20μs)) | U _p L/PE 390 V |
| Mechanical Characteristics | |
| Technology | MOV |
| SPD configuration | 2 poles |
| Connection to Network | by screw terminals: 4-25 mm ² |
| Format | Plug-in modular box |
| Mounting | Symmetrical rail 35 mm (EN 60715) |
| Housing material | Thermoplastic UL94 V-0 |
| Operating temperature | T _u -40/+85°C |
| Protection rating | IP20 |
| Failsafe mode | Disconnection |
| Disconnection indicator | 2 mechanical indicators by pole |
| Spare module(s) | DSM40-75DC |
| Remote signaling of disconnection | Output on changeover contact |
| Dimensions | See diagram |
| Disconnectors | |
| Thermal disconnector | Internal |
| Fuses | Fuses type gG - 50 A |
| Standards | |
| Standards compliance | IEC 61643-11 / EN 61643-11 / UL1449 ed.4 |
| Part number | |
| 460621 | |

