

Technical data sheet

Fine protection 8-F for Ethernet networks (Class D/CAT 5)

Item number: 5081990



Universal data cable protection device for network technology and telecommunication systems



- In aluminium housing
- Protection for 8 cores
- With two-stage protective circuit
- Simple mounting
- With RJ45 Western connector
- Incl. 150 mm connection cable with RJ45 connectors
- Cat 5e network technology, 10BaseT, 100BaseT, 1000BaseT
- DIN rail mounting with accessories DLS-BS (5082 38 2)

Application: For analogue, ISDN, DSL systems, Ethernet Twisted Pair.
• Usable in networks of Class D or CAT 5e

- Can be locked onto DIN profile rails or mounted directly at the terminal
- Simple installation using RJ45 connection technology
- Optimised transmission properties



Master data

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|------------------------------------|--------------------------|
| Item number | 5081990 |
| Type | RJ45 S-ATM 8-F |
| Description 1 | Fine protection device |
| Description 2 | for Ethernet networks |
| Manufacturer | OBO |
| Dimension | 6.2V |
| Smallest sales unit | 1 |
| Unit of quantity | Piece |
| Weight | 14 kg |
| Weight unit | kg/100 pc. |
| CO2 Footprint (GWP) Cradle-to-Gate | 1,5752 kg CO2e / 1 Piece |

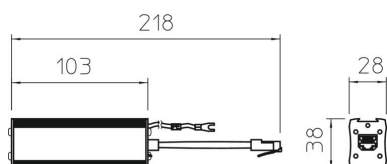
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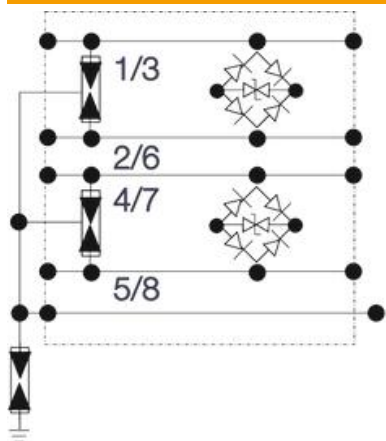


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Dimensions



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|-----------------------------------|--------------------------------------|
| Arrestor monitoring | no |
| Number of poles | 8 |
| Version for | Fine protection, 8 wires + shield |
| Channel performance Ansi/EA | CAT 5e |
| Channel performance ISO/IEC | Class D |
| Insertion loss | <3 @ 150 MHz dB |
| Earthing via: | Connection cable |
| Total discharge current (8/20) | 7.5 kA |
| Cut-off frequency | 155 MHz |
| Maximum continuous voltage AC | 4.2 V |
| Maximum continuous voltage DC | 6 V |
| Insulation resistance | >1 GΩ |
| Capacity (wire-wire) | <50 pF |
| Capacity (wire-earth) | <10 pF |
| Kategorie | Type 2+3 / C2+C1 |
| Lightning protection zone LPZ | 1→3 |
| Mounting type | Connector/cable adapter |
| Testing standard | IEC 61643-21 |
| Shielding connection available | yes |
| Screening | Direct |
| Protection rating | IP40 |
| Protection level wire-wire | <40 V |
| Protection level wire-earth | <900 V |
| SPD to IEC 61643-21 | Class II+III / C2+C1 |
| Plug-in system | RJ45 8(8) |
| Impulse durability wire-wire | C2: 3 kV / 1,5 kA (8/20μs) |
| Impulse durability wire-earth | C2: 3 kV / 1,5 kA (8/20μs) |
| Permitted temperature range, max. | 80 °C |
| Permitted temperature range, min. | -40 °C |