

Radio interference suppression filter, three-phase, low leakage current HLD 310-500/42



Picture shows HLD 310-500/30

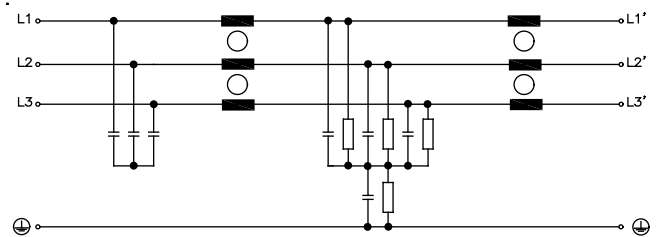
Advantages

| |
|---|
| For enhanced requirements |
| Low leakage current |
| Single-stage filter concept |
| Efficient filter effect against line-bound interference emissions |
| Increase in the interference immunity of the connected consumer |

Applications

Radio interference suppression filter for line-side interference suppression of single devices, frequency converters or as group interference suppression.

Sample application



Standards

Radio interference suppression filter complying with
DIN EN 60939-2, UL 1283, CSA C22.2 No.8

Approvals



UL 1283 5th edition, CSA 22.2 No 8



Radio interference suppression filter, three-phase, low leakage current

HLD 310-500/42

| Type | | HLD 310-500/42 |
|--------------------------|--|---|
| Electrical data | Special features | |
| | Characteristics | Suitable for the medical field |
| | Operating data | |
| | Rated voltage | 3 x 520 Vac |
| | Voltage range | 0 - 3 x 520 Vac |
| | Rated current | 3 x 42 A |
| | Leakage current (50 Hz)* | <0.40 mA |
| | Leakage current (50 Hz)** | <3.50 mA |
| | Power loss | 22.0 W |
| | Overrating Capacity | 150 %, shortly |
| | Input | |
| | Rated frequency | 50 - 60 Hz |
| | Approvals | |
| | Approvals | cURus, UL 1283 5th edition, CSA 22.2 No.8 |
| | Environment | |
| Ambient temperature max. | 50 °C | |
| Climatic category | 25/085/21 (in accordance with EN 60068-1) | |
| Safety and protection | | |
| SCCR*** | 100 kA | |
| Protection index | IP 20 | |
| Type | Metal enclosure | |
| Safety class (prepared) | I | |
| Test voltage | 2150 Vdc Phase/Phase, 2700 Vdc Phase/PE | |
| Notes | | |
| * | Leakage current measured against the maximum permissible input voltage fluctuation in accordance with IEC 38 ±10 % | |
| ** | Leakage current by loss of two phases | |
| *** | with corresponding preliminary fuse | |
| Order numbers | | |
| Order Number | HLD 310-500/42 | |

| Type | | HLD 310-500/42 |
|----------------------|-----------------------|---------------------------------|
| Mechanical data | Terminal and mounting | |
| | Terminals phase | Screw clamp, 10 mm ² |
| | Terminals PE | Bolt, M6 |
| | Fixing method | Mounting lugs |
| | Fixing screws | M5 |
| Measures and weights | | |
| Weight | 2.10 kg | |

