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

# HLD 710-500/16

Picture shows HLD 710-500/30

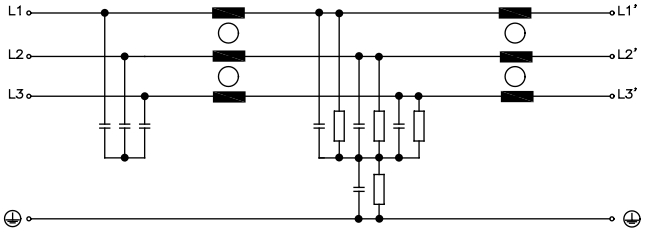
## Advantages

- For enhanced requirements
- Reduced 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

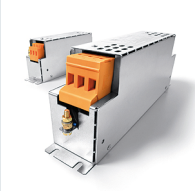



## Standards

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



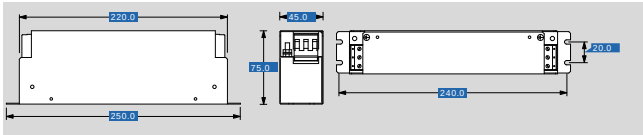
# Radio interference suppression filter, three-phase, low leakage current
# HLD 710-500/16

## Electrical data

| Type | HLD 710-500/16 |
|---|---|
| **Operating data** | |
| Rated voltage | 3 x 520 Vac |
| Voltage range | 0 - 520 Vac |
| Rated current | 3 x 16 A |
| Leakage current (50 Hz)* | 6.00 mA |
| Leakage current (50 Hz)** | 60.00 mA |
| Rated frequency | 50 - 60 Hz |
| Power loss | 12.0 W |
| Overrating Capacity | 150 %, shortly |
| **Standards** | |
| Classification | EMI filter |
| **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 710-500/16** |

## Mechanical data

| Type | HLD 710-500/16 |
|---|---|
| **Terminal and mounting** | |
| Connections phase | Screw clamp, 4 mm² |
| Connections PE | Bolt, M5 |
| Fixing method | Mounting lugs |
| Fixing screws | M5 |
| **Measures and weights** | |
| Weight | 1.20 kg |




Subjects to change.