

## Radio interference suppression filter, three-phase **HLD 110-500/42**



Picture shows HLD 110-500/30

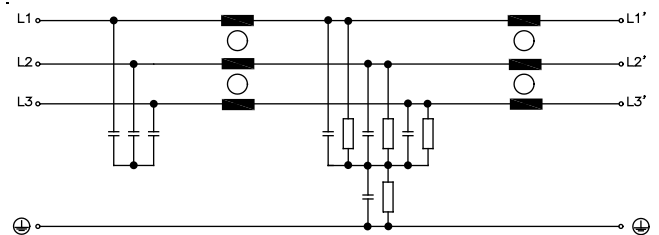
### Advantages

For enhanced requirements
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 HLD 110-500/42

### Electrical data

Type	HLD 110-500/42
<b>Operating data</b>	
Rated voltage	3 x 520 Vac
Voltage range	0 - 3 x 520 Vac
Rated current	3 x 42 A
Leakage current (50 Hz)*	20.00 mA
Leakage current (50 Hz)**	290.00 mA
Rated frequency	50 - 60 Hz
Power loss	22.0 W
Overrating Capacity	150 %, shortly
<b>Standards</b>	
Classification	EMI filter
<b>Approvals</b>	
Approvals	cURus, UL 1283 5th edition, CSA 22.2 No.8
<b>Environment</b>	
Ambient temperature max.	50 °C
Climatic category	25/085/21 (in accordance with EN 60068-1)
<b>Safety and protection</b>	
SCCR***	100 kA
Protection index	IP 20
Type	Metal enclosure
Safety class (prepared)	I
Test voltage	2150 Vdc Phase/Phase, 2700 Vdc Phase/PE
<b>Notes</b>	
*	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
<b>Order numbers</b>	
Order Number	HLD 110-500/42

### Mechanical data

Type	HLD 110-500/42
<b>Terminal and mounting</b>	
Connections phase	Screw clamp, 10 mm <sup>2</sup>
Connections PE	Bolt, M5
Fixing method	Mounting lugs
Fixing screws	M5
<b>Measures and weights</b>	
Weight	2.10 kg

