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

HLD 710-500/250

Picture shows HLD 710-500/30

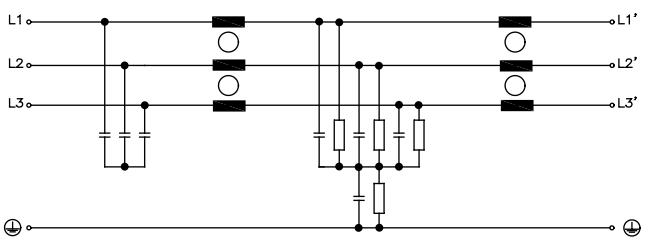
Advantages

- 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

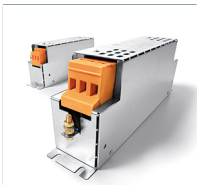


Standards

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



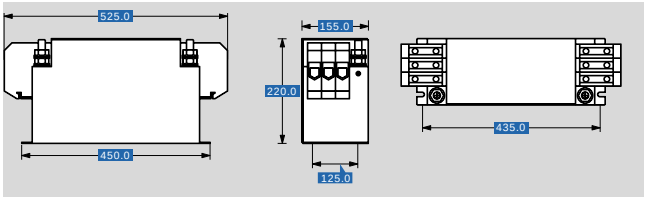
Radio interference suppression filter, three-phase, low leakage current
HLD 710-500/250

Electrical data

Type	HLD 710-500/250
Operating data	
Rated voltage	3 x 520 Vac
Voltage range	0 - 520 Vac
Rated current	3 x 250 A
Leakage current (50 Hz)*	7.00 mA
Leakage current (50 Hz)**	65.00 mA
Rated frequency	50 - 60 Hz
Power loss	180.0 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 710-500/250**

Mechanical data

Type	HLD 710-500/250
Terminal and mounting	
Connections phase	Screw clamp, 150 mm²
Connections PE	Bolt, M12
Fixing method	Mounting lugs
Fixing screws	M6
Measures and weights	
Weight	12.20 kg



Subjects to change.