

Radio interference suppression filter, three phase, low leakage current **HLD 310-500/55**



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.

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 310-500/55

Electrical data

Type	HLD 310-500/55
Operating data	
Rated voltage	3 x 520 Vac
Voltage range	0 - 3 x 520 Vac
Rated current	3 x 55 A
Leakage current (50 Hz)*	<0.40 mA
Leakage current (50 Hz)**	<3.50 mA
Power loss	30.0 W
Overtopping Capacity	150 %, shortly
Input	
Rated frequency	50 - 60 Hz
Standards	
Classification	EMI filter
Approvals	
Approvals	cURus, UL 1283 5th edition, CSA 22.2 No.8
Environment	
Climatic category	25/085/21 (in accordance with EN 60068-1)
Ambient temperature max.	50 °C
Safety and protection	
SCCR***	100 kA
Type	Metal enclosure
Protection index	IP 20
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 310-500/55

Mechanical data

Type	HLD 310-500/55
Terminal and mounting	
Connections phase	Screw clamp, 16 mm ²
Connections PE	Bolt, M6
Fixing method	Mounting lugs
Fixing screws	M5
Measures and weights	
Weight	2.50 kg

