

## Radio interference suppression filter, three phase **HLD 110-500/180**



### 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.

### Standards

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

### Approvals



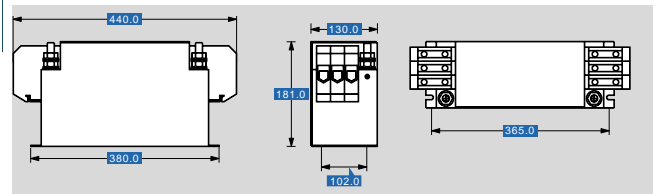
UL 1283 5th edition, CSA 22.2 No 8



# Radio interference suppression filter, three phase HLD 110-500/180

Type		HLD 110-500/180
Electrical data	<b>Operating data</b>	
	Rated voltage	3 x 520 Vac
	Voltage range	0 - 3 x 520 Vac
	Rated current	3 x 180 A
	Leakage current (50 Hz)*	31.00 mA
	Leakage current (50 Hz)**	300.00 mA
	Rated frequency	50 - 60 Hz
	Power loss	150.0 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>	
	Climatic category	25/085/21 [in accordance with EN 60068-1]
Ambient temperature max.	50 °C	
<b>Safety and protection</b>		
SCCR***	100 kA	
Type	Metal enclosure	
Protection index	IP 20	
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>		
<b>Order Number</b>	<b>HLD 110-500/180</b>	

Type		HLD 110-500/180
Mechanical data	<b>Terminal and mounting</b>	
	Connections phase	Screw clamp, 95 mm <sup>2</sup>
	Connections PE	Bolt, M10
	Fixing method	Mounting lugs
	Fixing screws	M6
<b>Measures and weights</b>		
Weight	9.20 kg	



Subjects to change.