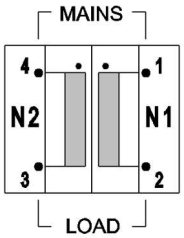
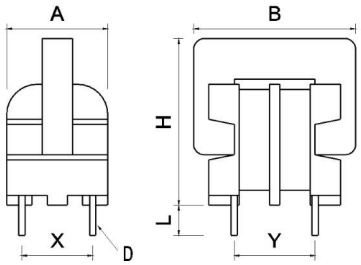
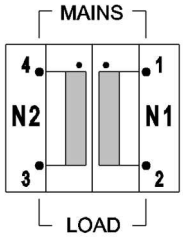
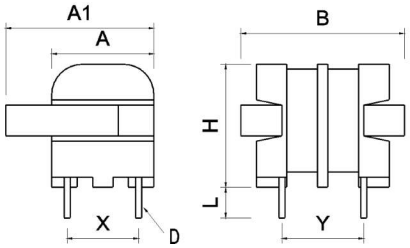
SCLU09 series – 2x1.5mH/2,1A ... 2x68mH/310mA

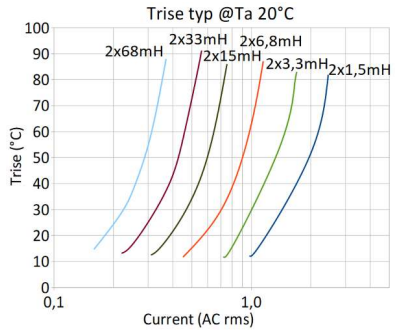
- Common mode inductors for EMI mains line filters
- Excellent common mode interference suppression
- Good differential mode filtering against symmetrical interference
- High insulation between windings
- Excellent performance/dimensions ratio
- Other values on request

Vertical version Code	Horizontal version Code	Nominal Inductance[1]	Minimum Inductance[1]	Stray Inductance typ[1]	Nominal Current[2]	Typical DCR[3]	Mains Rated Voltage	N1/N2 Dielectric strength
SCLU09152	SCLU09H152	2x1.5 mH	2x1.05 mH	11 µH	2.10 A	87 mΩ	250V	1.5KV
SCLU09332	SCLU09H332	2x3.3 mH	2x2.31 mH	23 µH	1.44 A	165 mΩ	250V	1.5KV
SCLU09682	SCLU09H682	2x6.8 mH	2x4.76 mH	50 µH	0.97 A	360 mΩ	250V	1.5KV
SCLU09153	SCLU09H153	2x15 mH	2x10.5 mH	108 µH	0.63 A	815 mΩ	250V	1.5KV
SCLU09333	SCLU09H333	2x33 mH	2x23.1 mH	233 µH	0.45 A	1620 mΩ	250V	1.5KV
SCLU09683	SCLU09H683[P]	2x68 mH	2x47.6 mH	475 µH	0.31 A	3470 mΩ	250V	1.5KV

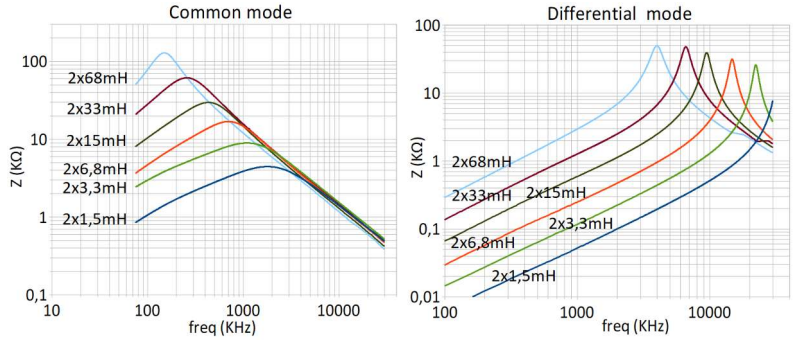
Dimensions	mm	Layout (bottom view)	Vertical version Drawing	.stp file Download
A max	11.6			
B max	16.4			
H max	16.8			
X typ	7.0			
Y typ	8.0			
L min	2.5			
D typ (□)	0.6			

Dimensions	mm	Layout (bottom view)	Horizontal version Drawing	.stp file Download
A max	11.6			
A1 max	15.5			
B max	16.4			
H max	13.0			
X typ	7.0			
Y typ	8.0			
L min	2.5			
D typ (□)	0.6			

Typical T_{rise}



Typical Impedance



[1] *@10KHz-100mV.*
[2] *Max continuous current for 60°C about temperature rise (@Ta20°C). The temperature of the inductor should not exceed 100°C, Trise included.*
[3] *Referred to each winding (@Ta20°C).*
[P] *Preferential items usually on stock.*

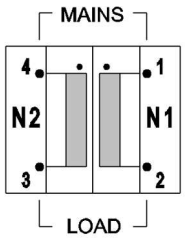
SCLU10 series – 2x1.5mH/2.85A ... 2x68mH/450mA

- Common mode inductors for EMI mains line filters
- Excellent common mode interference suppression
- Good differential mode filtering against symmetrical interference
- High insulation between windings
- Excellent performance/dimensions ratio
- Other values on request

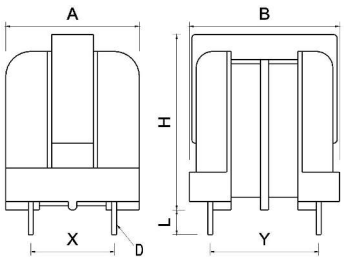
Code	Nominal Inductance[1]	Minimum Inductance[1]	Stray Inductance typ[1]	Nominal Current[2]	Typical DCR[3]	Mains Rated Voltage	N1/N2 Dielectric strength
SCLU10152	2x1.5 mH	2x1.05 mH	12 µH	2.85 A	60 mΩ	250V	1.5KV
SCLU10332	2x3.3 mH	2x2.31 mH	26 µH	2.225 A	105 mΩ	250V	1.5KV
SCLU10682	2x6.8 mH	2x4.76 mH	52 µH	1.45 A	225 mΩ	250V	1.5KV
SCLU10153	2x15 mH	2x10.5 mH	115 µH	1.025 A	455 mΩ	250V	1.5KV
SCLU10333	2x33 mH	2x23.1 mH	250 µH	0.66 A	1050 mΩ	250V	1.5KV
SCLU10683	2x68 mH	2x47.6 mH	510 µH	0.45 A	2150 mΩ	250V	1.5KV

Dimensions	mm
A max	16.8
B max	19.0
H max	21.4
X typ	10.0
Y typ	13.0
L min	2.5
D typ (□)	0.7

Layout (bottom view)

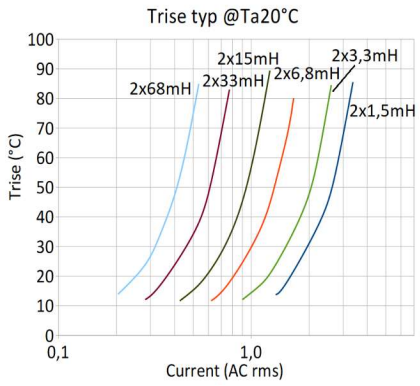


Vertical version Drawing

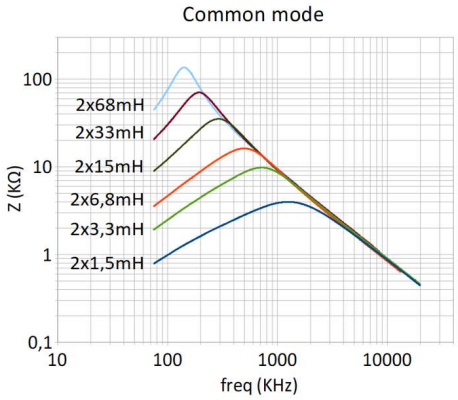


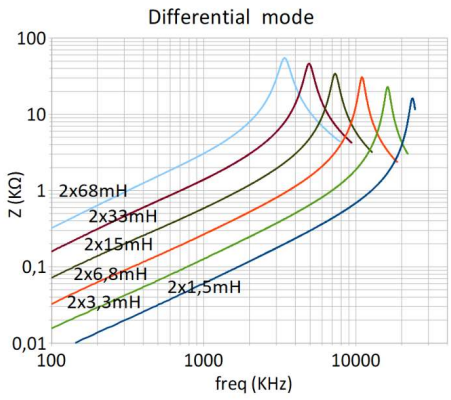
.stp file Download

Typical T_{rise}



Typical Impedance





[1] *@10KHz-100mV.*
[2] *Max continuous current for 60°C about temperature rise (@Ta20°C). The temperature of the inductor should not exceed 100°C, Trise included.*
[3] *Referred to each winding (@Ta20°C).*