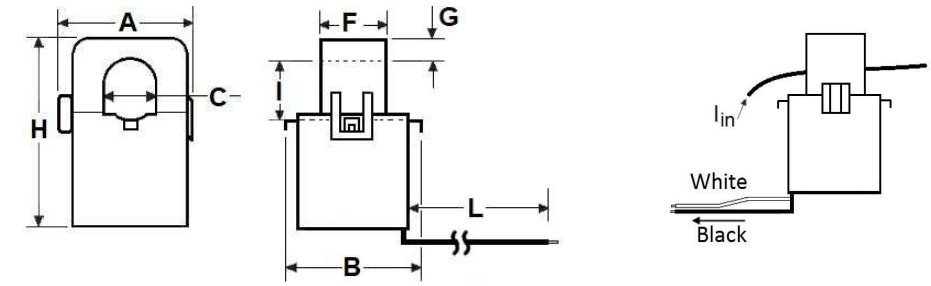
SDL series - 50/60Hz split core current sensor 70A - 110A

- High precision 50/60Hz split core current measuring transformers
- High output signal level to reduce noise-signal ratio
- High repeatability
- High insulation between primary/secondary

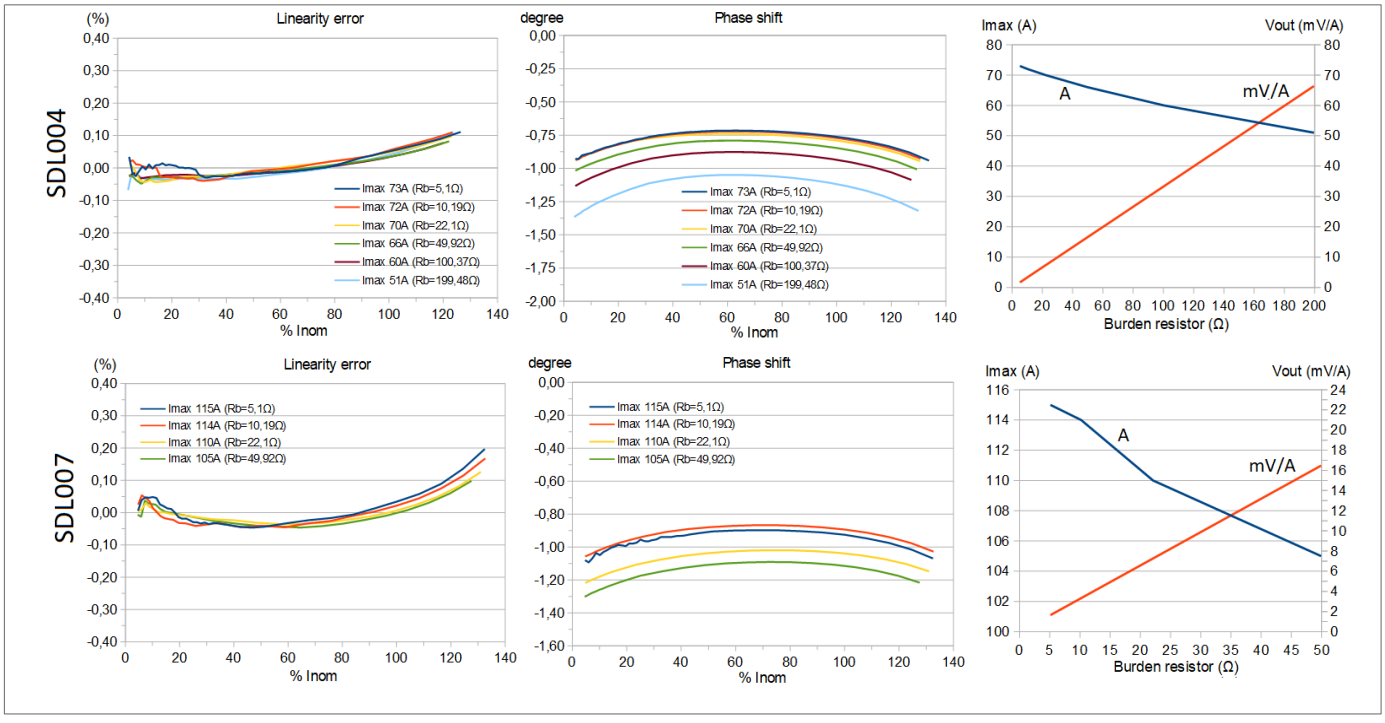
70A - 110A

Code	Max Input Current	Typ Linearity error[1]	Max Linearity error	Burden resistor[2]	Sec Turns	Dielectric strength[3]	.stp file Download
SDL004	70A	< 0.15%	0.25%	22Ω	3000	1KV	
SDL007	110A	< 0.15%	0.25%	22Ω	3000	1.5KV	

Dimensions mm	SDL004	SDL007	Drawing
A max	30.2	37.0	
B max	26.7*	41.0	
H max	42.6	47.5	
C typ	9.3	16.0	
F typ	13.9	19.0	
G typ	8.3	8.3	
I typ	10.8	16.5	
L typ	1500	1500	



* "B" dimension for SDL004 does not include the side hooks on the case since it comes without hooks.



[1] *Please note: the lowest possible errors are obtained by cleaning the contact surfaces between the core halves before assembly.*
[2] *Burden resistor values different than suggested values can be applied. It will affect Max/Nom current, output voltage and precision. See typical graphs for reference.*
[3] *Between sec leads/primary hole internal surface.*
[nb] *The errors are referred to tests executed at 50Hz-20°C ambient temperature.*
[nb] *The user should perform any compliance verification to technical and safety standard requirement according to the application field.*

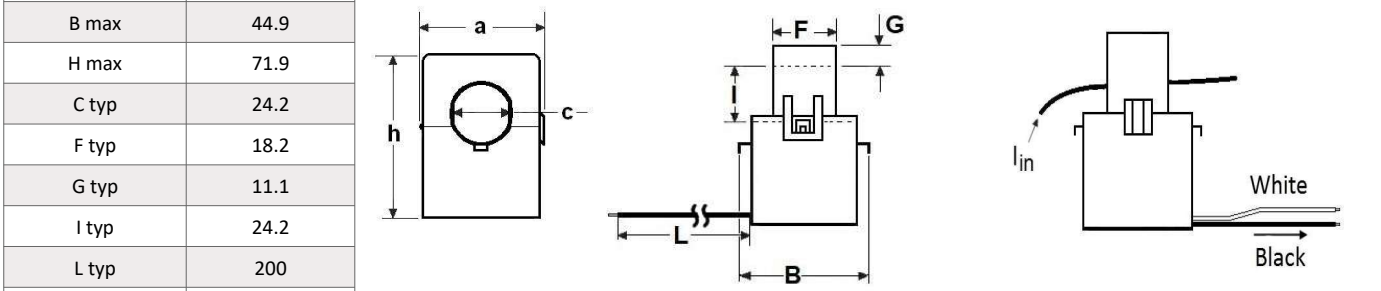
SDL series - 50/60Hz split core current sensor - 680A

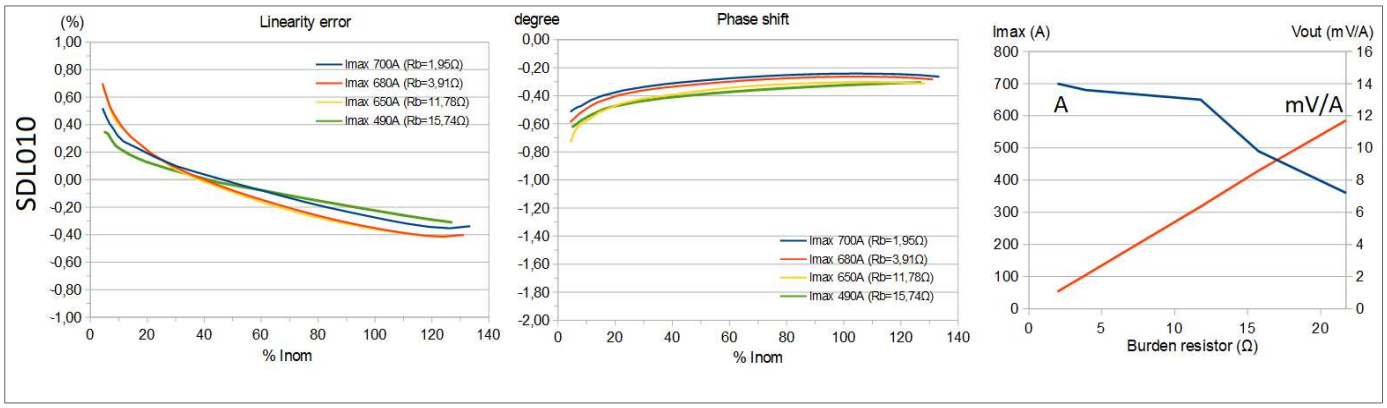
- High precision 50/60Hz split core current measuring transformers
- High output signal level to reduce noise-signal ratio
- High repeatability
- High insulation between primary/secondary

680A

Code	Max Input Current	Typ Linearity error[1]	Max Linearity error	Burden resistor[2]	Sec Turns	Dielectric strength[3]	.stp file Download
SDL010	680A	< 0.95%	1.15%	3.9Ω	2000	2KV	

Dimensions	mm	Drawing
A max	53.8	
B max	44.9	
H max	71.9	
C typ	24.2	
F typ	18.2	
G typ	11.1	
I typ	24.2	
L typ	200	





[1] *Please note: the lowest possible errors are obtained by cleaning the contact surfaces between the core halves before assembly.*
[2] *Burden resistor values different than suggested values can be applied. It will affect Max/Nom current, output voltage and precision. See typical graphs for reference.*
[3] *Between sec leads/primary hole internal surface.*
[nb] *The errors are referred to tests executed at 50Hz-20°C ambient temperature.*
[nb] *The user should perform any compliance verification to technical and safety standard requirement according to the application field.*