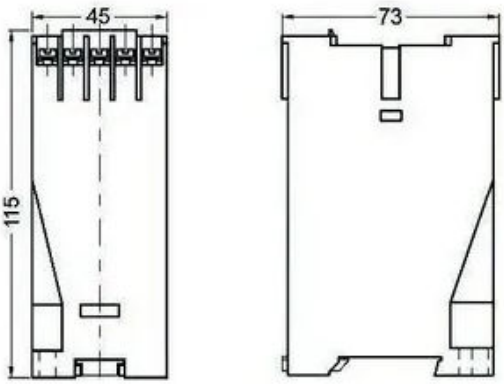
SSRK-3

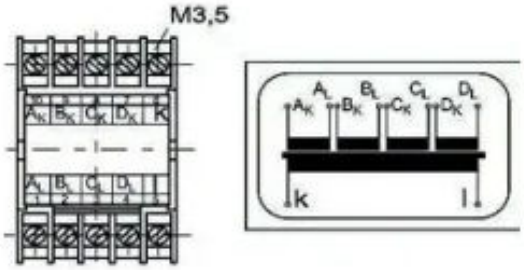
The SSRK-2 to SSRK-6 current summing transformers are specifically designed for use with split-core current transformers (CTs). They enable the summing of 2 to 6 currents in the secondary circuit of low-power current transformers. Their compact design and high accuracy (Class 0.5) make these transformers ideal for energy measurement in low-voltage networks. The low burden of just 0.2 VA is specifically tailored to the low output power of split-core current transformers.

Technical data			
Dimensions (W × H × D)	45 × 115 × 73 mm	**Number of inputs**	3
Design	Summation current transformer	**Main transformer**	Equal
Packaging (W × H × D)	55 × 132 × 83 mm	**Weight**	400 g
Housing	D10		

Drawings and views



Dimensional drawing 1



Wiring diagram 1

Types			
Output	**Cl.**	**Rated current A**	
		1	**5**
1A	**0.5**	**0.2 VA** 70140-7005	–
5A	**0.5**	–	**0.2 VA** 70140-7002

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Electrical properties	
Max. Rated voltage	**720 V**
Test insulation voltage	4 kV, 1 min.
Rated short-time thermal current (Ith)	60 x Ir
Dynamic rated current (Idyn)	2.5 x Ith
Frequency	50 - 60 Hz
Self-consumption	<0,1VA per channel
Insulation class	E

Mechanical properties	
Housing	**Made of self-extinguishing ABS UL94 V-0**
Degree of protection	IP40
Operating temperature	−5°C bis +55°C
Relative humidity	5–85%, non-condensing
Mounting	DIN rail DIN EN50022 or screw mounting
Secondary connections	Screw terminals, max. 1.5 mm²
Max. Ratio for unequal main transducers	1:10
Norm	IEC 61869-2