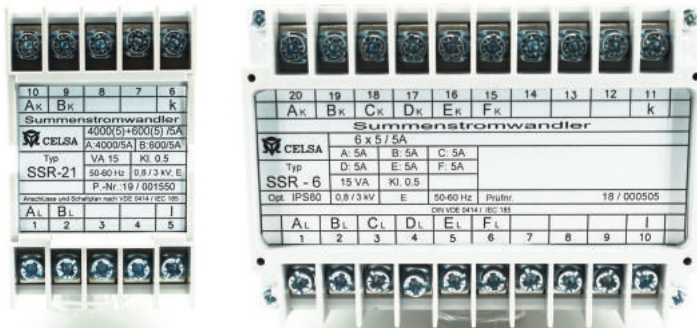


CURRENT TRANSFORMERS

Summation current transformers

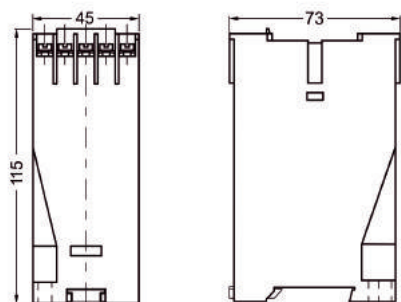
SSR



The summation current transformers SSR-2 to SSR-9 sums up the instantaneous values of different currents in a network, providing a proportional alternating current. In order to do that, several measuring transformers (main transformers) are used, one for each current, with their secondary windings connected to the primary windings of the summation transformer. All the primary windings of the summation current transformer must be connected to the same phase. If any of the primary windings of the SSR are not to be used, they must be left open. The standard execution is prepared for main transformers of the same transformation ratio. Otherwise, please indicate their ratios in your order.

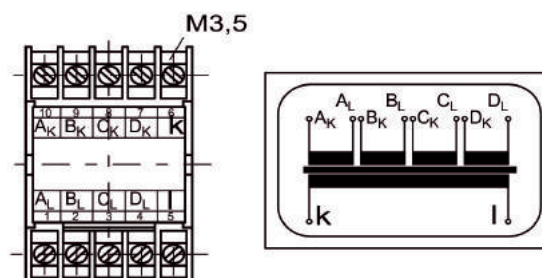
Dimensions

Housing D10 (SSR-2 to SSR-4)

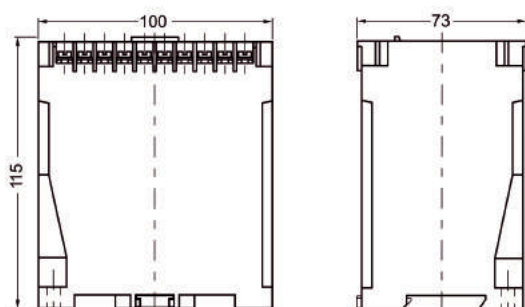


Connections

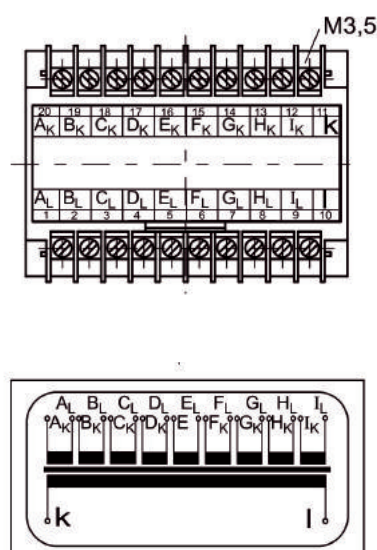
Housing D10 (SSR-2 to SSR-4)



Housing D20 (SSR-5 to SSR-9)



Housing D20 (SSR-5 to SSR-9)



CURRENT TRANSFORMERS

SSR Technical Features

Electrical Features

Highest voltage equipment:	720 V
Rated insulation level:	4 kV, 1 min.
Rated short-time thermal current (I_{th}):	$60 \times I_N$
Rated dynamic current (I_{dyn}):	$2.5 \times I_{th}$
Frequency range:	50 - 60Hz
Internal consumption:	Max. 4 VA
Thermal class of insulation:	E

Accuracy class index and burden

Class 0,5	15 VA
Class 1	15 VA

Mechanical Features

Housings	Self-extinguishing polycarbonate UL94 V-0
Protection degree	IP40
Fixing	DIN-rail DIN EN50022 or screw fastening
Connection	Nickel plated secondary terminals with plus minus screws
Protection degree of connection	IP10, with secondary terminal cover = IP20 (option)
Weight	D10 = 400g, D20 = 600g
Highest proportion for different ratios of main c.t.'s	1:10
Housing size	SSR-2 until SSR-4 = D10 SSR-5 until SSR-9 = D20

SSR Technical Data, Executions

Article identical ratios of main c.t.'s	Rated burden VA sec. 5A / 1A		Article different ratios of main c.t.'s	Rated burden VA sec. 5A / 1A	
	Class 0.5	Class 1		Class 0.5	Class 1
SSR-2	15	15	SSR-21	15	15
SSR-3	15	15	SSR-31	15	15
SSR-4	15	15	SSR-41	15	15
SSR-5	15	15	SSR-51	15	15
SSR-6	15	15	SSR-61	15	15
SSR-7	15	15	SSR-71	15	15
SSR-8	15	15	SSR-81	15	15
SSR-9	15	15	SSR-91	15	15

other values on request