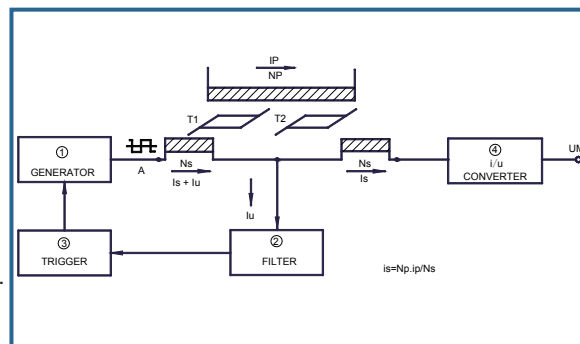


DC leakage current sensor

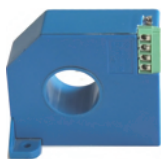
DC leakage current sensor uses magnetic modulation principle, applied to DC panel and other devices. Accurately measure the mA grade DC leakage current signal. Use core through input pattern and have many kinds of outline structures. Can meet various application requirements, and customer can also define primary rated current and secondary output based on their actual demand.

Working Principle

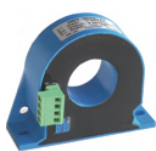
Compensate the primary current through compensating current produced by interior square-wave oscillator, to get magnetic balance. At this time, the output V_m accurately reflects the primary current, mainly used to detector the small current and current difference.



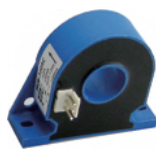
Part No.	Rated Current (mA)	Measuring Range (mA)	Rated Output	Supply Voltage V_c (V)	Frequency (Hz)	Accuracy $T_a=25^\circ\text{C}$ (%)	Operating Temperature T_a ($^\circ\text{C}$)	Isolation Voltage V_i (KV)	Responding Time (ms)	Window (mm)	Connection Figure NO.	Profile NO.
DLS-0.01R	10	15	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 24$	7	51
DLS-0.02R	20	30	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 24$	7	51
DLS-0.05R	50	75	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 24$	7	51
DLS-0.1R	100	150	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 24$	7	51
DLS-0.2R	200	300	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 24$	7	51
DLS-0.3R	300	450	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 24$	7	51
DLS-0.01C4	10	15	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 15$	7	9
DLS-0.02C4	20	30	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 15$	7	9
DLS-0.05C4	50	75	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 15$	7	9
DLS-0.1C4	100	150	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 15$	7	9
DLS-0.2C4	200	300	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 15$	7	9
DLS-0.3C4	300	450	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 15$	7	9
DLS-0.01C	10	15	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 20$	7	10
DLS-0.02C	20	30	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 20$	7	10
DLS-0.05C	50	75	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 20$	7	10
DLS-0.1C	100	150	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 20$	7	10
DLS-0.2C	200	300	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 20$	7	10
DLS-0.3C	300	450	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 20$	7	10
DLS-0.05C5	50	75	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 25$	7	11
DLS-0.1C5	100	150	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 25$	7	11
DLS-0.2C5	200	300	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 25$	7	11
DLS-0.3C5	300	450	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 25$	7	11



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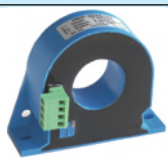
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ZIBO, SHANDONG, CHINA 255095

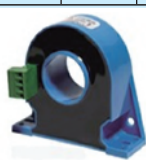
www.yuanxing.net
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DC leakage current sensor

Part No.	Rated Current (mA)	Measuring Range (mA)	Rated Output	Supply Voltage V_c (V)	Frequency (Hz)	Accuracy $T_a=25^{\circ}\text{C}$ (%)	Operating Temperature T_a ($^{\circ}\text{C}$)	Isolation Voltage V_i (KV)	Responding Time (ms)	Window (mm)	Connection Figure NO.	Profile NO.
DLS-0.05C7	50	750	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 35$	7	13
DLS-0.1C7	100	150	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 35$	7	13
DLS-0.2C7	200	300	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 35$	7	13
DLS-0.3C7	300	450	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 35$	7	13
DLS-0.4C7	400	600	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 35$	7	13
DLS-0.5C7	500	750	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 35$	7	13
DLS-0.1C8	100	150	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 45$	7	14
DLS-0.2C8	200	300	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 45$	7	14
DLS-0.3C8	300	450	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 45$	7	14
DLS-0.4C8	400	600	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 45$	7	14
DLS-0.5C8	500	750	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 45$	7	14
DLS-0.6C8	600	900	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 45$	7	14
DLS-0.8C8	800	1200	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 45$	7	14
DLS-1C8	1000	1200	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 45$	7	14
DLS-0.1C10	100	150	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 55$	7	16
DLS-0.2C10	200	300	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 55$	7	16
DLS-0.3C10	300	450	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 55$	7	16
DLS-0.4C10	400	600	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 55$	7	16
DLS-0.5C10	500	750	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 55$	7	16
DLS-0.6C10	600	900	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 55$	7	16
DLS-0.8C10	800	1200	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 55$	7	16
DLS-1C10	1000	1200	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 55$	7	16
DLS-0.1C11	100	150	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 72$	7	17
DLS-0.2C11	200	300	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 72$	7	17
DLS-0.3C11	300	450	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 72$	7	17
DLS-0.4C11	400	600	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 72$	7	17
DLS-0.5C11	500	750	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 72$	7	17
DLS-0.6C11	600	900	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 72$	7	17
DLS-0.8C11	800	1200	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 72$	5	17
DLS-1C11	1000	1200	± 4	± 12	DC	1.0	-25...+85	2.5	< 350	$\varnothing 72$	4	17



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