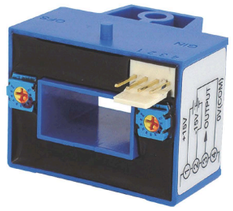
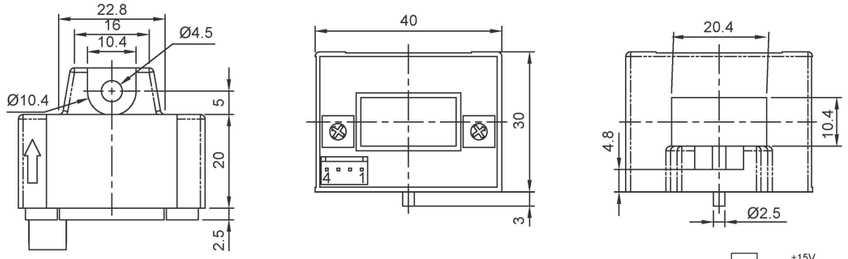
DER EE®

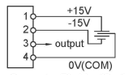
DHCT Hall Effect Sensor

www.deree.com.tw



DHCT-B Rated: 50A~ 600A

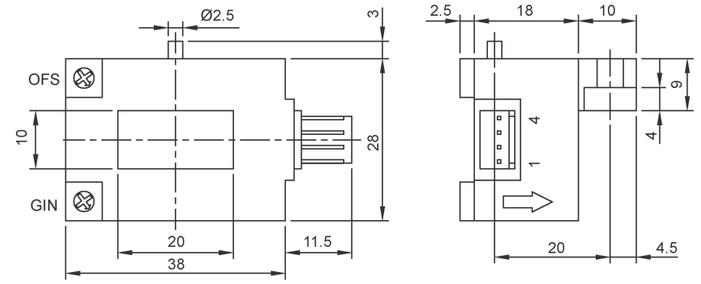




Connector Pin Identification
Pin Span 2.5mm

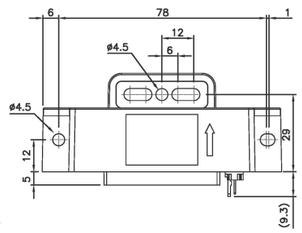


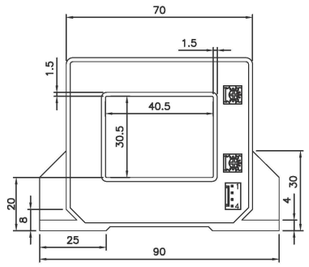
DHCT-G Rated: 50A~ 400A

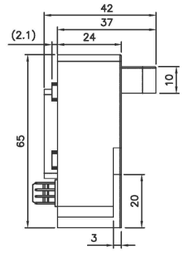




DHCT-S Rated: 200A~ 1500A

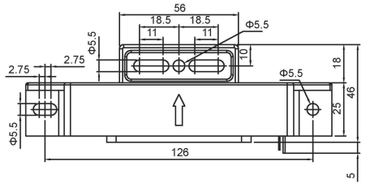


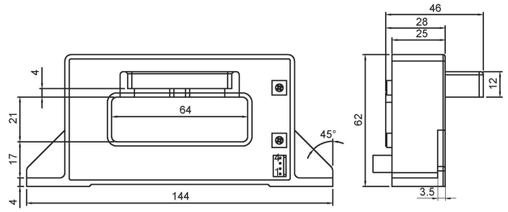






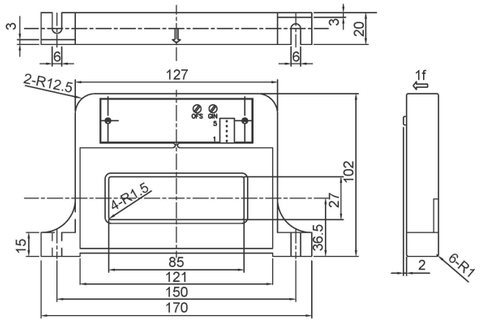
DHCT-H Rated: 500A~ 2500A

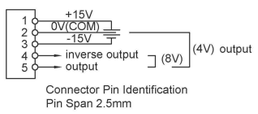






DHCT-M Rated: 100A~ 2000A

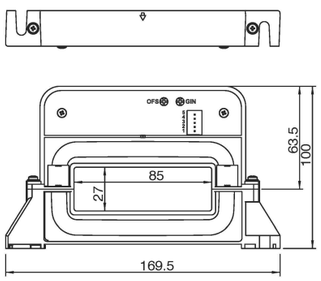


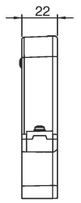


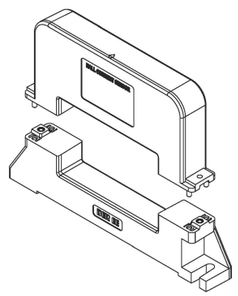
Connector Pin Identification
Pin Span 2.5mm











Unit : m/m

DSHCT-85S Rated: 100A~ 2000A

DER EE®

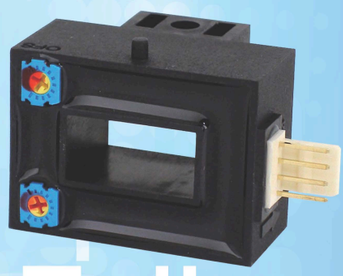
Transducer

Features

- ★ Superior linearity
- ★ Application to both AC and DC measurement
- ★ Compact size and light weight
- ★ Quick response
- ★ Providing absolute electrical isolation



DHCT-M



DHCT-G

DER EE®

得益工業儀器有限公司

DER EE ELECTRICAL INSTRUMENT CO., LTD.

台灣新北市中和區中山路二段351號7樓

7F, No.351, Sec. 2, Chung Shan Rd.,

Chung Ho Dist., New Taipei City, Taiwan

TEL：886-2-2226-6789 (REP.)

FAX：886-2-2226-7979

Email：deree@deree.com.tw

www.deree.com.tw

Made in Taiwan CE RoHS

ISO 9001 SGS 005 UKAS QUALITY MANAGEMENT ISO 14001 URS 57694

Specs.& Unit / Part #	Rating Input Current	Linear Range	Rating Output Voltage	Offset (Residual) Voltage	Linearity	Power Supply	Consumption Current	Response Time	Thermal Drift of Output	Thermal Drift of Zero Current Offset	Hystesis Error	Insulation Resistance	Operation Temp. / Humidity	Storage Temp. / Humidity	Applie Voltage Test	Dimension of Aperture (Hole)	Net Weight
	DC Amp (AT)	DC Amp (AT)	DC Volt, ±1%	Max. (Volt)	Max. of Vh (%)	DC Volt, ±5%	Max. (mA)	Max. (μ sec.)	(% / ℃)	Max. (mV/℃)	Max. (V)	Min. (MΩ), 500V DC	℃ (no condensation)	℃ (no condensation)	AC Volt, (for 1 minute)	mm	gram
DHCT-B0025	25	0 ~ ±75	4V	±0.03V	±1%	±15V	18mA	TYP. <5 μ sec.	TYP. ±0.08%/ ℃, Max. ±0.1%/ ℃	±2mV/℃	±0.035V	Over 500MΩ	-10 ~ +80℃ Below 80% R.H.	-15 ~ +85℃ Below 70% R.H.	2500V, 50/60Hz between aperture and terminals	10x20mm	45g
DHCT-B0050	50	0 ~ ±150															
DHCT-B0100	100	0 ~ ±300								±1.2mV/℃							
DHCT-B0200	200	0 ~ ±600															
DHCT-B0300	300	0 ~ ±900								±1mV/℃							
DHCT-B0400	400	0 ~ ±900															
DHCT-B0500	500	0 ~ ±900															
DHCT-B0600	600	0 ~ ±900															
DHCT-G0050	50	0 ~ ±150	4V	±0.03V	±1%	±15V	18mA	TYP. <5 μ sec.	TYP. ±0.08%/ ℃, Max. ±0.1%/ ℃	±2mV/℃	±0.035V	Over 500MΩ	-10 ~ +80℃ Below 80% R.H.	-15 ~ +85℃ Below 70% R.H.	2500V, 50/60Hz between aperture and terminals	10x20mm	45g
DHCT-G0100	100	0 ~ ±300								±1.2mV/℃							
DHCT-G0200	200	0 ~ ±600															
DHCT-G0300	300	0 ~ ±900								±1mV/℃							
DHCT-G0400	400	0 ~ ±900															
DHCT-S0200	200	0 ~ ±600	4V	±0.02V	±1%	±15V	20mA	TYP. <5 μ sec.	TYP. ±0.08%/ ℃, Max. ±0.1%/ ℃	±1mV/℃	±0.035V	>1000MΩ	-20 ~ +80℃ Below 80% R.H.	-25 ~ +85℃ Below 70% R.H.	2500V, 50/60Hz between aperture and terminals	30.5x40.5mm	300g
DHCT-S0400	400	0 ~ ±1200															
DHCT-S0500	500	0 ~ ±1500															
DHCT-S0600	600	0 ~ ±1800															
DHCT-S0800	800	0 ~ ±2400															
DHCT-S1000	1000	0 ~ ±2500															
DHCT-S1200	1200	0 ~ ±2500															
DHCT-S1500	1500	0 ~ ±2500															
DHCT-H0500	500	0 ~ ±1500	4V	±0.02V	±1%	±15V	20mA	TYP. <5 μ sec.	TYP. ±0.08%/ ℃, Max. ±0.1%/ ℃	±1mV/℃	±0.035V	>1000MΩ	-20 ~ +80℃ Below 80% R.H.	-25 ~ +85℃ Below 70% R.H.	2500V, 50/60Hz between aperture and terminals	21x64mm	450g
DHCT-H0600	600	0 ~ ±1800															
DHCT-H0800	800	0 ~ ±2400															
DHCT-H1000	1000	0 ~ ±3000															
DHCT-H1500	1500	0 ~ ±4500															
DHCT-H2000	2000	0 ~ ±5500															
DHCT-H2500	2500	0 ~ ±5500															
DHCT-M0100	100	0 ~ ±200	4V	±0.05V	±1%	±15V	20mA	TYP. <10 μ sec.	TYP. ±0.08%/ ℃, Max. ±0.1%/ ℃	±1mV/℃	±0.035V	Over 500MΩ	-10 ~ +80℃ Below 80% R.H.	-15 ~ +85℃ Below 70% R.H.	2500V, 50/60Hz between aperture and terminals	27x85mm	490g
DHCT-M0200	200	0 ~ ±400															
DHCT-M0400	400	0 ~ ±600															
DHCT-M0600	600	0 ~ ±900															
DHCT-M0800	800	0 ~ ±1200															
DHCT-M1000	1000	0 ~ ±1500															
DHCT-M1200	1200	0 ~ ±1800															
DHCT-M1400	1400	0 ~ ±2100															
DHCT-M1600	1600	0 ~ ±2400															
DHCT-M1800	1800	0 ~ ±2700															
DHCT-M2000	2000	0 ~ ±3000															
DSHCT-85S0100	100	0 ~ ±200	4V	±0.05V	±1%	±15V	20mA	TYP. <10 μ sec.	TYP. ±0.08%/ ℃, Max. ±0.1%/ ℃	±1mV/℃	±0.035V	>1000MΩ	-10 ~ +80℃ Below 80% R.H.	-15 ~ +85℃ Below 70% R.H.	2500V, 50/60Hz between aperture and terminals	27x85mm	500g
DSHCT-85S0200	200	0 ~ ±400															
DSHCT-85S0400	400	0 ~ ±600															
DSHCT-85S0600	600	0 ~ ±900															
DSHCT-85S0800	800	0 ~ ±1200															
DSHCT-85S1000	1000	0 ~ ±1500															
DSHCT-85S1200	1200	0 ~ ±1800															
DSHCT-85S1400	1400	0 ~ ±2100															
DSHCT-85S1600	1600	0 ~ ±2400															
DSHCT-85S1800	1800	0 ~ ±2700															
DSHCT-85S2000	2000	0 ~ ±3000															