

Hall Effect Current Sensor

霍爾電流感測器

Model:

- # DHCT-G (small size)
- # DHCT-B (medium size)
- # DHCT-M (medium size)

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



Available Specs:

Part #	I/P (Amp)	Linear Range	O/P Volt
▪ DHCT-G0050	50	±0 ~ 150	4V
▪ DHCT-G0100	100	±0 ~ 300	4V
▪ DHCT-G0200	200	±0 ~ 600	4V
▪ DHCT-G0300	300	±0 ~ 900	4V
▪ DHCT-G0400	400	±0 ~ 900	4V
▪ DHCT-B0050	50	±0 ~ 150	4V
▪ DHCT-B0100	100	±0 ~ 300	4V
▪ DHCT-B0200	200	±0 ~ 600	4V
▪ DHCT-B0300	300	±0 ~ 900	4V
▪ DHCT-B0400	400	±0 ~ 900	4V
▪ DHCT-B0500	500	±0 ~ 900	4V
▪ DHCT-B0600	600	±0 ~ 900	4V
▪ DHCT-M0100	100	0 ~ ±200	4V
▪ DHCT-M0200	200	0 ~ ±400	4V
▪ DHCT-M0400	400	0 ~ ±600	4V
▪ DHCT-M0600	600	0 ~ ±900	4V
▪ DHCT-M0800	800	0 ~ ±1200	4V
▪ DHCT-M1000	1000	0 ~ ±1500	4V
▪ DHCT-M1200	1200	0 ~ ±1800	4V
▪ DHCT-M1400	1400	0 ~ ±2100	4V
▪ DHCT-M1600	1600	0 ~ ±2400	4V
▪ DHCT-M1800	1800	0 ~ ±2700	4V
▪ DHCT-M2000	2000	0 ~ ±3000	4V



Dimension / Weight:

- DHCT-G:38(L)x28(W)x18(H)mm/46g approx. -Aperture Size:20mm(L)x10mm(W)
- DHCT-B:40(L)x30(W)x20(H)mm/49g approx.-Aperture Size:20.4mm(L)x10mm (W)
- DHCT-M:170(L)x102(W)x20(H)mm/500g approx. -Aperture Size:85mm(L)x27mm(W)

Specifications:

DHCT-Gx

DHCT-Bx

DHCT-Mx

Offset (Residual) Voltage	±0.03V(max.)	±0.03V(max.)	±0.05V(max.)
Linearity	±1%(max.of Vh)	±1%(max.of Vh)	±1%(max.of Vh)
Power Supply	±15VDC	±15VDC	±15VDC
Consumption Current	18mA (max.)	18mA (max.)	20mA (max.)
Response Time	10 μ sec.(max.)	10 μ sec.(max.)	25 μ sec.(max.)
Thermal Drift of Output	TYP±0.08%/°C, Max.±0.1%/°C	TYP±0.08%/°C, Max.±0.1%/°C	TYP.±0.08%/°C, Max.±0.1%/°C
Thermal Drift of Zero Current Offset	±2mV/°C / ±1.2mV/°C / ±1mV/°C	± 2mV/°C / ±1.2mV/°C / ±1mV/°C	±1mV/°C
Hysteresis Error	±0.035V(max.)	±0.035V(max.)	±0.035V(max.)
Insulation Resistance	over 500mΩ (500V DC) between aperture and terminals	over 500mΩ (500V DC) between aperture and terminals	over 500mΩ (500V DC) between aperture and terminals
Applied Voltage Test	2000V, 50/60Hz between aperture and terminals	2000V, 50/60Hz between aperture and terminals	2000V, 50/60Hz between aperture and terminals
Operation Temp.	-10°C~±80°C	-10°C~±80°C	-10°C~±50°C;
Storage Temp.	-15°C~±85°C	-15°C~±85°C	-15°C~±60°C

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