

Typical Values of Current Sensors' Phase Characteristics

Model	Frequency (kHz)	Typical value of phase difference between input and output (°)
CT6841, CT6841-05	100	-1.82
CT6841A	100	-3.59
CT6843, CT6843-05	100	-1.68
CT6843A	100	-3.96
CT6844, CT6844-05	50	-1.29
CT6844A	100	-3.92
CT6845, CT6845-05	20	-0.62
CT6845A	10	-0.94
CT6846, CT6846-05	20	-1.89
CT6846A	10	-1.05
CT6862, CT6862-05	300	-10.96
CT6863, CT6863-05	100	-4.60
CT6865, CT6865-05	1	-1.21
CT6872	100	-1.28
CT6872-01	100	-2.63
CT6873	100	-0.75
CT6873-01	100	-2.10
CT6875, CT6875A	200	-10.45
CT6875-01, CT6875A-1	200	-12.87
CT6876, CT6876A	200	-12.96
CT6876-01, CT6876A-1	200	-14.34
CT6877, CT6877A	100	-2.63
CT6877-01, CT6877A-1	100	-3.34
CT6904 series* ¹	300	-9.82
9709-05	20	-1.11
PW9100 series* ²	300	-2.80
9272-05 (20A)* ³	50	-3.34
9272-05 (200A)* ³	50	-4.18
CT7044* ⁴	5	-11.18
CT7045* ⁴	5	-11.90
CT7046* ⁴	5	-13.02
CT7642* ⁴	1	-8.17
CT7742* ⁴	1	-18.62

A conductor under measurement must be placed at the aperture center of each current sensor that has a standard-length cable.

*1 CT6904, CT6904-01, CT6904-60, CT6904-61, CT6904A, CT6904A-1, CT6904A-2, CT6904A-3

*2 PW9100-03, PW9100-04, PW9100A-3, PW9100A-4

*3 Current measurement option of PW3390 and PW8001

*4 Current measurement option of PW3390

·For the PW8001, the phase compensation values of the sensors whose model names include the letter A apply automatically and are reflected in the setting.

·When using the CT9557, contact your Hioki distributor or retailer.

·When the VT1005 (high-voltage differential probe) is used, other typical values of phase difference are used for the setting.

See the separate document "Typical Values of Current Sensors' Phase Characteristics (when VT1005 is used)."