

CT PHASE SHIFTS

FOR USE WITH THE POWERSCOUT HD



rev050520

Most current transformers sold by DENT Instruments have phase shifts from a few tenths of a degree up to a few degrees. For energy meters, this phase shift can produce accuracy errors. However, DENT's ViewPoint HD software can compensate for CT phase shifts to help maximize reading accuracy. DENT's CTs are listed below with their corresponding phase shift values. If you are using the desktop version of ViewPoint HD, these values will automatically be populated for you when using the CT Picker. If you are configuring your meter through the PSHD Web App, use the table below to find the correct phase shift value.

	CT Part Number	Type	Amps	Phase Shift
	CT-RGT12-0005	Millivolt	5	0.05
	CT-RGT12-0020	Millivolt	20	0
	CT-RGT12-0050	Millivolt	50	0.01
	CT-RGT12-0100	Millivolt	100	0
	CT-HSC-020	Millivolt	20	1.11
	CT-HSC-050	Millivolt	50	1.02
	CT-HMC-100	Millivolt	100	0.26
	CT-HMC-200	Millivolt	200	0.22
	CT-SRS-005	Millivolt	5	0.1
	CT-SRS-050	Millivolt	50	0.02
	CT-SRL-100	Millivolt	100	0.09
	CT-SRL-200	Millivolt	200	0.1
	CT-SRL-400	Millivolt	400	0.01
	CT-SCS-0050	Millivolt	50	3.75
	CT-SCS-0100	Millivolt	100	2.7
	CT-SCM-0100	Millivolt	100	2.17
	CT-SCM-0200	Millivolt	200	1.9
	CT-SCM-0400	Millivolt	400	1.23
	CT-SCM-0600	Millivolt	600	1.47
	CT-SCL-0600	Millivolt	600	0.53
	CT-SCL-1000	Millivolt	1000	0.51
	CT-CON-0150EZ	Millivolt	150	2.05
	CT-CON-1000	Millivolt	1000	0.44
	CT-R16-A4	RöCoil	4000	0
	CT-R24-A4	RöCoil	4000	0
	CT-R36-A4	RöCoil	4000	0
	CT-R47-A4	RöCoil	4000	0
	CT-R72-1310	RöCoil	4000	0