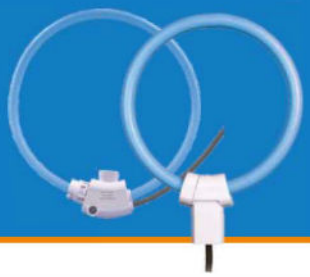


ESCT-RC

FLEXIBLE ROGOWSKI COIL CURRENT SENSOR

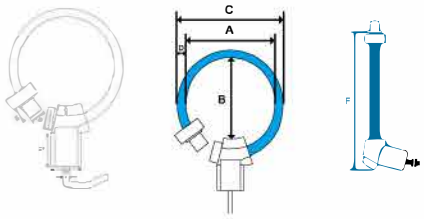
- Flexible and light weights
- Easy & quick installation in tight spaces
- No danger from open-circuited secondary
- No core saturation or damage if overloaded
- Excellent linearity
- Multi-size are available

Specification	
Current range	10A to 100kA
Rated output	85mV/ per 1000A @ 50Hz without integrator
Accuracy	±1% from 5% to 120% ofrated currentwith integrator(45-65Hz)
Phase angle	≤±1°5% to 120% from 5% to 120% of rated current
Linear	0.5%
Frequency	1Hz-1MHz ,50/60 Hz nominal
WorkVoltage	600V
Coil diameter	10.5mm,12mm or as customer order
Windowsize	16mm,24mm or as per customer ordered
Wire lead	2 meters sheath cable or as customers order
Withstand voltage	3000V
Operating temperature	-30℃-+70℃
IP class	IP65
Certification	CE / RoHS

Model	Rated Amps(A)	Class	Coil Length	Window Size		Type No.
				A	B	
ESCT-RC16	100	0.5	80	22	16	C
ESCT-RC24	300	0.5	97	27.5	24	C
ESCT-RC36	600	0.5	130	36	37	C
EACT-RC45	500	0.5	140	65	45	D
ESCT-RC60	500	0.5	200	60	50	A
ESCT-RC100	1000	0.5	395	135	100	B
ESCT-RC105	1500	0.5	350	105	100	A
ESCT-RC150	3000	0.5	525	165	150	B
ESCT-RC200	6000	0.5	665	240	200	B
ESCT-RC240	10000	0.5	800	245	240	A

Coil Type:	Type A			Type B			Type C			Type D
Model:	RC60	RC105	RC240	RC100	RC150	RC200	RC16	RC24	RC36	RC45
A: Window Size A	60	105	245	135	165	210	22	27.5	36	65
B: Window Size B	50	100	240	100	150	200	16	24	37	45
C: Coil O.D.	66	121	261	151	181	226	24	39.5	48	81
D: Coil Section	8						6			8
E: Lead Cable Total Length	2000									
F: Coil Length	200	350	800	395	525	665	80	97	130	205

Type A:



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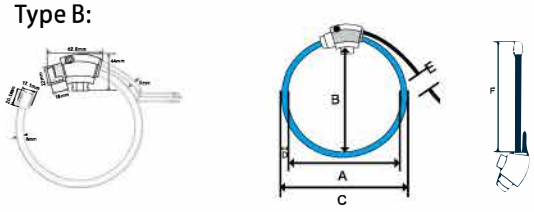

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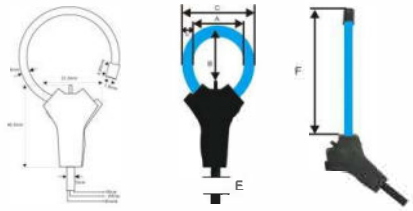
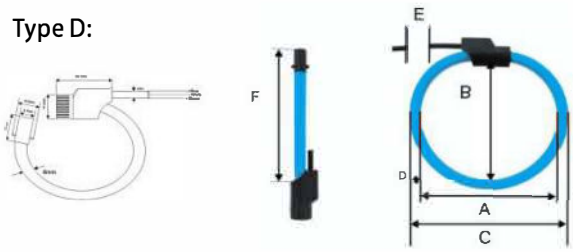
Type D: