

OUTDOOR SPLIT-CORE CURRENT TRANSFORMERS – CRE/CRFE SERIES

MAIN FEATURES

- . Indoor Use / Outdoor Use IP43
- . Rugged Design
- . Self-extinguishing cast Resin
- . Relay Class up to C800
- . Metering Class down to 0.3
- . Primary current from 50 to 20,000A
- . Secondary current 1 or 5A
- . Custom primary & secondary current available upon request
- . No need to dismantle primary to install over existing busbar or cable



CONSTRUCTION

- . Silicon steel core with Hi-grade copper winding
- . Immune to weather conditions with sealing gasket between both parts of split-core
- . Fixing bracket for ease of installing
- . Secondary Cover IP43 for outdoor use
- . Multi-ratio

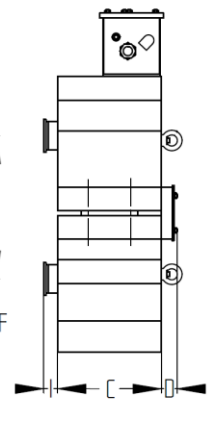
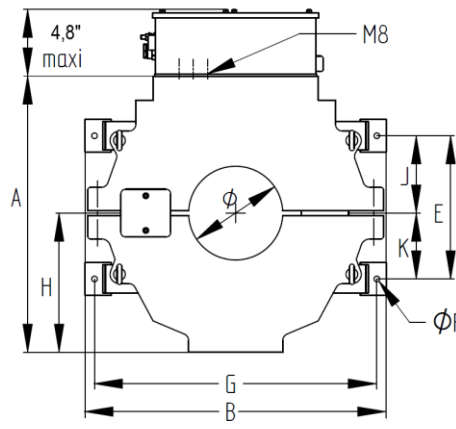
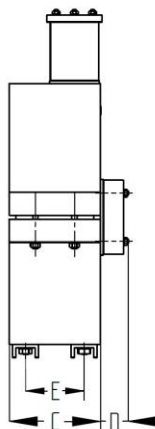
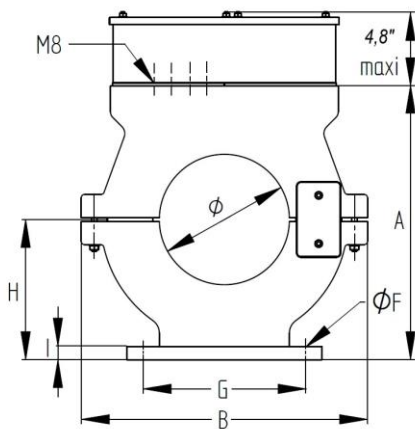
Technical data

Standards
Insulation Level
Frequency
Ambient Temperature Range
Secondary Terminals
Continuous Thermal Rating Factor

IEEE C57-13
0.6/10kV BIL Full Wave
60Hz – other upon request
-40°C to +70°C / -40°F to +160°F
M8-16 - Max.Tightening Torque: 7N.m (5ft.lbf)
RF= 1.33 @55°C / 1.5 @30°C

Options

Secondary cover IP43 – outdoor use
Fixing brackets
Multi-ratio



CRE TYPE

CRFE TYPE

OUTDOOR SPLIT-CORE CURRENT TRANSFORMERS – CRE/CRFE SERIES*Dimensions*

Type	Weight lbs	Ø in	A in	B in	C in	D in	E in	Ø F in	G in	H in	I in	J in	K in
CR 100-90-460	65	3.93	17.71	18.11	3.54	1.97	2.16	0.55	9.84	9.25	0.79	-	-
CR 100-150-460	155	3.93	17.71	18.11	5.90	1.97	3.54	0.55	9.84	9.25	0.79	-	-
CR 140-90-370	45	5.51	13.19	14.56	3.54	1.97	1.37	0.35	9.84	6.89	0.59	-	-
CR 140-140-370	80	5.51	13.19	14.56	5.51	1.97	3.54	0.47	9.84	6.89	0.59	-	-
CR 175-80-400	55	6.88	14.76	15.75	3.15	1.97	2.16	0.55	9.84	7.48	0.79	-	-
CR 175-140-400	90	6.88	14.76	15.75	5.51	1.97	3.54	0.55	9.84	7.48	0.79	-	-
CR 175-145-460	110	6.88	17.71	18.11	5.70	1.97	3.54	0.55	9.84	9.25	0.79	-	-
CR 200-80-440	55	7.87	16.53	17.32	3.15	1.97	2.16	0.55	9.84	8.46	0.79	-	-
CR 200-140-440	110	7.87	16.53	17.32	5.51	1.97	3.54	0.55	9.84	8.46	0.79	-	-
CR 200-145-460	145	7.87	17.71	18.11	5.70	1.97	3.54	0.55	9.84	9.25	0.79	-	-
CR 372-90-750 *	200	14.64	25.59	29.52	3.54	1.97	*	*	17.32	12.60	-	-	-
CR 372-140-750 *	265	14.64	25.59	29.52	5.51	1.97	*	*	17.32	12.60	-	-	-
CR 480-90-740	110	18.89	27.16	29.13	3.54	1.97	-	-	17.71	14.56	0.98	-	-
CR 580-90-840	135	22.83	31.10	33.07	3.54	1.97	-	-	17.71	16.53	0.98	-	-
CR 690-90-970	135	27.16	37.00	38.19	3.54	1.58	-	-	17.71	19.49	0.98	-	-
CRF 60-260-370	200	2.36	12.60	14.56	10.23	1.97	5.90	0.39	10.31	6.30	-	2.95	-
CRF 140-90-400	65	5.51	17.71	15.75	3.54	1.97	2.16	0.47	-	9.25	-	2.95	-
CRF 140-150-400	110	5.51	17.71	15.75	5.90	1.97	3.54	0.47	-	9.25	-	2.95	-
CRF 200-150-550	285	7.87	23.23	21.65	5.90	1.97	11.81	0.47	23.62	11.61	1.18	6.30	5.51
CRF 200-170-550	355	7.87	23.23	21.65	6.69	1.97	11.81	0.47	23.62	11.61	1.18	6.30	5.51
CRF 200-220-550	440	7.87	23.23	21.65	8.66	1.97	11.81	0.47	23.62	11.61	1.18	6.30	5.51
CRF 200-260-550	530	7.87	23.23	21.65	10.23	1.97	11.81	0.47	23.62	11.61	1.18	6.30	5.51

(*)Special drawing please ask

Electrical Specifications

Upon request / depending on feasibility

Installation

- Never install CT on live voltage. Always make sure line is OFF.
- Never leave secondary circuit open when energized.
- Before tightening the 4 screws, make sure that the contact surfaces of the magnetic circuit are clean.
It is advisable to clean the surface of magnetic circuit with an oiled cloth.
- Tighten the 4 screws progressively and in diagonal in order to ensure a uniform pressure on magnetic circuit.
- Maximum tightening torque : M8-16 secondary inserts : 7 N.m / 5 ft.lbf



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