

600 Volt Current Transformer

Model 2DARL

Window: 1.00"



APPLICATION

Sub-metering, load control, etc. Suitable for ammeters, wattmeters and cross current compensation.

REGULATORY AGENCY APPROVALS

UL Recognized FileE93779
CSA Recognized FileLR89403

WEIGHT (approximate)0.9 lbs

INSULATION LEVEL

600 Volts, 10 kV BIL full wave.

Flexible leads are UL 1015, 1050C, CSA approved, #16 AWG, 24" long. Non-standard, lead length can be specified.

FREQUENCY

50-400 Hz

2DARL DATA TABLE

Current Ratio (Amps) Pri : Sec	IEEE Accuracy Class 60 Hz Burden					VA $\pm$ 1% Class	Secondary Winding Resistance (Ohms @ 75°C)	Continuous Thermal Current Rating Factor		Catalog Number
	B0.1	B0.2	B0.5	B0.9	B1.8			@ 30°C Amb.	@ 55°C Amb.	
50:5	4.8	--	--	--	--	2% 2.5	0.008	2.0	2.0	2DARL-500
60:5	1.2	4.8	--	--	--	2.5	0.011	2.0	2.0	2DARL-600
75:5	1.2	2.4	--	--	--	3.5	0.015	2.0	2.0	2DARL-750
80:5	1.2	2.4	4.8	--	--	4.0	0.016	2.0	2.0	2DARL-800
100:5	1.2	2.4	4.8	--	--	5.0	0.018	2.0	2.0	2DARL-101
120:5	1.2	2.4	2.4	4.8	--	5.0	0.022	2.0	2.0	2DARL-121
125:5	0.6	1.2	2.4	4.8	--	5.0	0.028	2.0	1.5	2DARL-1250
150:5	0.6	0.6	1.2	2.4	4.8	10.0	0.031	2.0	1.5	2DARL-151
200:5	0.3	0.6	1.2	1.2	2.4	12.5	0.047	1.5	1.33	2DARL-201
250:5	0.3	0.3	0.6	1.2	2.4	15.0	0.074	1.5	1.25	2DARL-251
300:5	0.3	0.3	0.6	0.6	1.2	20.0	0.089	1.5	1.0	2DARL-301

Model JAB-OC

Window: 4.50"x 3.50"



APPLICATION

Designed for indoor service; especially designed for installation over the secondary bushings of pad mounted transformers. For mounting and application information, including use at higher voltages, and matching the current rating to the pad transformer thermal capability.

IEEE METER ACCURACY CLASS, 60 Hz

0.3% class from B0.1 to the burdens shown in the table.

WEIGHT & Dimensions

Weight (approximate) 8.25 lbs
Height 8.75"
Width 6.00"
Depth 2.30"

REFERENCE DRAWINGS

Outline0121C33851
Outline (Rectangular)0121C34472
Outline (1.88" cast)0121C34503
Outline (2.00" cast)0121C34986
Outline (2.50" cast)0121C40892

INSULATION LEVEL

0.6kV; BIL 10kV full wave

FREQUENCY

50-60 Hz

JAB-OC DATA TABLE

Current Ratio (Amps) Pri : Sec	Burden	Continuous Thermal Current Rating Factor		Catalog Number (With Secondary Hardware and Cover)	Catalog Number for Rectangular cast JAB-OC
		@ 30°C Amb.	@ 55°C Amb.		
* 100:5	B0.1	4.0	4.0	750X136618	--
200:5	B0.1	4.0	2.9	750X136202	750X136302
* 200:5	B0.2	4.0	4.0	750X136668	--
* 300:5	B0.5	3.0	2.2	750X136660	--
300:5	B0.2	4.0	2.9	750X136203	750X136303
400:5	B0.2	4.0	2.9	750X136204	750X136304
* 400:5	B0.5	4.0	2.9	750X136667	--
500:5	B0.5	3.0	2.2	750X136205	750X136305
600:5	B0.5	3.0	2.2	750X136206	750X136306
800:5	B0.5	3.0	2.2	750X136208	750X136308
1000:5	B0.5	2.0	1.5	750X136210	750X136310
1200:5	B0.5	2.0	1.5	750X136212	750X136312
1500:5	B0.9	2.0	1.5	750X136215	750X136315
* 1500:5	B0.9	3.0	2.4	750X136465	--
2000:5	B1.8	1.5	1.1	750X136220	750X136320
3000:5	B1.8	1.33	1.0	750X136230	750X136330
4000:5	B1.8	1.0	0.7	750X136655	750X136423

* Grecian Urn Style available in cast version only. Consult factory for dimensions.