

Distribution Dry Type Transformers

Sentron Power Centers

Economical Space Saving Package

Siemens Sentron Power Center is a pre-wired combination of a primary breaker disconnect, dry type shielded transformer, secondary breaker disconnect and a secondary power panel all in one convenient package.

You save time, space and money by not having to individually assemble, mount and wire these components. Simply add the branch and you're ready to go.

UL-3R Enclosures

All Sentron Power Center enclosures are UL-3R listed for indoor and outdoor use.

Transformer Assembly

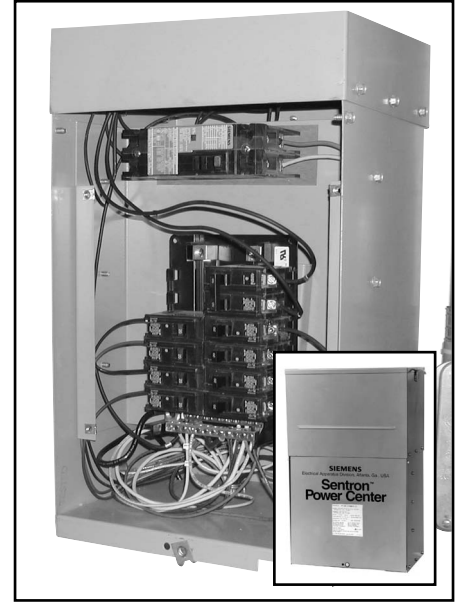
Siemens totally encapsulated distribution transformers are designed for general purpose indoor/outdoor operation.

Sentron Power Centers can be installed in a wide variety of atmospheric and environmental conditions. A 180°C, UL recognized insulation system is used.

Sentron Power Center units are electrostatically shielded to provide transient voltage protection at no extra cost. All units have 2-5% FCBN taps.

Panel Assembly

The power panel assembly will accommodate one-inch, 1, 2 or 3-pole, common trip, duplex secondary branch circuit breakers, Type Q and QT as well as ground fault circuit breakers. Per UL and NEC requirements, the Sentron Power Center assembly comes fully equipped with primary and secondary main circuit breakers. Branch circuit breakers can be obtained from our local distributor once you have established your branch circuit requirements. All Sentron Power Centers are UL listed for service entrance.



KVA	Catalog Number [Ⓢ]	List Price \$	Maximum Secondary Circuits [Ⓢ]			Interior Number Reference	Approximate Dimensions (in inches)			Approximate Net Weight (lbs.)
			1" Wide	1/2" Wide	2" Wide		Height	Width	Depth	
			120V (1-Pole)	120V (1-Pole)	240V (2-pole)					

480 Volts Δ Primary, 240/120 Volts Secondary — Single Phase[Ⓢ] — Sentron Power Centers[Ⓢ]

5.0	1LPC005	4018.00	8	16	4	I1224L1100CU	32.13	13.25	7.63	120
7.5	1LPC007	4688.00	8	16	4	I1224L1100CU	32.13	15.88	11.00	160
10.0	1LPC010	4768.00	8	16	4	I1224L1100CU	34.38	15.88	11.00	185
15.0	1LPC015	5893.00	12	24	6	I1224L1125CU	34.38	17.13	12.38	240
25.0	1LPC025	7429.00	20	40	10	I2440L1200CU	41.88	17.88	13.50	330
—	1MPC---	(Same as above except 600V primary)								

480 Volts Δ Primary, 208Y/120 Volts Secondary — Three Phase[Ⓢ] — Sentron Power Centers[Ⓢ]

9.0	3LPC009	7571.00	12	24	4	I1836L3150CU	33.75	22.13	7.63	255
15.0	3LPC015	10830.00	12	24	4	I1836L3150CU	35.13	22.13	12.38	385
22.5	3LPC022	11786.00	18	36	6	I2442L3200CU	38.25	30.25	13.38	535
30.0	3LPC030	13518.00	24	42	8	I3042L3200CU	43.75	33.00	13.75	680
—	3MPC---	(Same as above except 600V primary)								

Circuit Breaker Data for Sentron Power Centers

480 Volts to 240/120 Volts — Single Phase

KVA	480 Volts Primary Breaker ^{ⓈⓈ}	240/120 Volts Secondary Main	Maximum Rating of Secondary Breakers
5.0	ED42B025L (25A)	Q225 (25A)	20 Amps
7.5	ED42B025L (25A)	Q240 (40A)	30 Amps
10.0	ED42B035L (35A)	Q250 (50A)	40 Amps
15.0	ED42B050L (50A)	Q270 (70A)	60 Amps
25.0	ED42B090L (90A)	Q2125 (125A)	100 Amps

480 Volts Δ to 280Y/120 Volts — Three Phase

KVA	480 Volts Primary Breaker ^{ⓈⓈ}	280Y/120 Volts Secondary Main	Maximum Rating of Secondary Breakers
9.0	ED43B025L (25A)	Q330 (30A)	25 Amps
15.0	ED43B040L (40A)	Q350 (50A)	40 Amps
22.5	ED43B070L (70A)	Q370 (70A)	60 Amps
30.0	ED43B090L (90A)	Q3100 (100A)	80 Amps

Ⓢ Primary breaker has lineside lug for customer connection.

Ⓢ Single Phase – 18,000 Amps RMS Symmetrical Interrupting Capacity.

Ⓢ Three Phase – 18,000 Amps RMS Symmetrical Interrupting Capacity.

Ⓢ Sentron Power Centers are NEMA 3R for outdoor application and may be ordered with "SS" suffix for 304 stainless steel enclosure.

Ⓢ Secondary branch breakers are not included and must be ordered separately.

Ⓢ Primary and secondary main breakers are included and are factory installed.

Ⓢ ED frame breakers furnished are rated 18000 AIC and are sufficient for fault current of transformer. If higher AIC rating is required by spec, the ED can be changed in the field to HED 4 (22000 AIC) or HHED6 (65000 AIC).

Ⓢ 1LPC005 and 3LPC009 are copper wound.