

# Product datasheet

Specifications



## heavy duty PowerLogic PFC Capacitor, 11.7/14 kvar - 240 V - 50/60Hz

BLRCH117A140B24

⚠ Discontinued on: 01 Dec 2024

⚠ To be discontinued

### Main

|                                 |  |
|---------------------------------|--|
| Range                           | PowerLogic   |
| Range of product                | PowerLogic   |
| Product or component type       | Heavy duty capacitor   |
| Product name                    | PowerLogic PFC Capacitor   |
| Network frequency               | 50/60 Hz   |
| Series name                     | HDuty  |
| Network harmonic content        | $\leq 20\%$  |
| Electrical parameters           | 11.7 kvar 240 V 50 Hz<br>14 kvar 240 V 60 Hz<br>13.7 kvar 260 V 50 Hz<br>16.4 kvar 260 V 60 Hz |
| Maximum permissible voltage     | 1.1 x Un (8 hours over 24 hours)   |
| continuous overcurrent capacity | 1.8 x In   |
| Rated voltage                   | 240...260 V AC 50/60 Hz  |

### Complementary

|                                      |   |
|--------------------------------------|---|
| Dielectric losses                    | $< 0.2$ W/kvar  |
| Power losses                         | $< 0.5$ W/kVAr  |
| Capacitance tolerance                | - 5 % to 10 %   |
| Voltage test                         | 2.15 x Un AC between terminals for 10 s<br>$\leq 660$ V - 3 kV AC between terminal and container for 10 s<br>$\geq 660$ V - 6 kV AC between terminal and container for 10 s |
| Inrush current                       | 250 x In  |
| Maximum switching operation per year | 7000  |
| Service life in hours                | 130000 h  |
| Dielectric material                  | Metallized polypropylene film with Zn/Al alloy, special resistivity & profile, special edge (wave cut)  |
| Impregnation material                | Non-PCB dry PUR resin<br>Biodegradable  |
| Type of installation                 | Indoor installation   |
| Connections - terminals              | ClampTite terminal  |
| Mounting mode                        | Upright/horizontal  |
| Diameter                             | 116 mm  |
| Height                               | 242 mm  |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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|            |        |
|------------|--------|
| Net weight | 2.5 kg |
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## Environment

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|           |                            |
|-----------|----------------------------|
| Standards | IEC 60831-2<br>IEC 60831-1 |
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|                         |      |
|-------------------------|------|
| IP degree of protection | IP20 |
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|                    |        |
|--------------------|--------|
| Operating altitude | 2000 m |
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|                   |   |
|-------------------|---|
| Temperature class | D |
|-------------------|---|

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|                                       |             |
|---------------------------------------|-------------|
| Ambient air temperature for operation | -25...55 °C |
|---------------------------------------|-------------|

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|                   |      |
|-------------------|------|
| Relative humidity | 95 % |
|-------------------|------|

## Packing Units

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|                        |     |
|------------------------|-----|
| Unit Type of Package 1 | PCE |
|------------------------|-----|

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|                              |   |
|------------------------------|---|
| Number of Units in Package 1 | 1 |
|------------------------------|---|

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|                  |           |
|------------------|-----------|
| Package 1 Height | 53.500 cm |
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|                 |           |
|-----------------|-----------|
| Package 1 Width | 57.500 cm |
|-----------------|-----------|

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|                  |           |
|------------------|-----------|
| Package 1 Length | 73.500 cm |
|------------------|-----------|

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|                  |          |
|------------------|----------|
| Package 1 Weight | 2.500 kg |
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|                        |     |
|------------------------|-----|
| Unit Type of Package 2 | S04 |
|------------------------|-----|

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|                              |   |
|------------------------------|---|
| Number of Units in Package 2 | 3 |
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|                  |           |
|------------------|-----------|
| Package 2 Height | 30.000 cm |
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|                 |           |
|-----------------|-----------|
| Package 2 Width | 40.000 cm |
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|                  |           |
|------------------|-----------|
| Package 2 Length | 60.000 cm |
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|                  |           |
|------------------|-----------|
| Package 2 Weight | 10.252 kg |
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|                        |     |
|------------------------|-----|
| Unit Type of Package 3 | P06 |
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|                              |    |
|------------------------------|----|
| Number of Units in Package 3 | 12 |
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|                  |            |
|------------------|------------|
| Package 3 Height | 105.000 cm |
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|                 |           |
|-----------------|-----------|
| Package 3 Width | 60.000 cm |
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|------------------|-----------|
| Package 3 Length | 80.000 cm |
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|                  |           |
|------------------|-----------|
| Package 3 Weight | 37.500 kg |
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## Contractual warranty

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|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Total lifecycle Carbon footprint 45

Environmental Disclosure [Product Environmental Profile](#)

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant

REACH Regulation [REACH Declaration](#)

#### Energy efficiency

Product contributes to saved and avoided emissions Yes

### Use Longer

#### Lifetime extension

Repair No

### Use Again

#### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No

WEEE Label The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins