

# Product data sheet

Specifications



Power distribution block, Linergy, 1 pole, 1 line, 4 load, 175A Cu, 135A Al, 600V

9080LBA162104

Product availability: Stock - Normally stocked in distribution facility

## Main

|                              |                                 |
|------------------------------|---------------------------------|
| Range                        | 9080LB                          |
| Product                      | Power Distribution Block        |
| Current Rating               | 175 A copper<br>135 A aluminium |
| Short Circuit Current Rating | 65 kA                           |

## Complementary

|                                       |  |
|---------------------------------------|--|
| Voltage Rating                        | 600 V AC/DC  |
| Mounting Type                         | Surface mount  |
| Number of poles                       | 1  |
| Terminals per Pole                    | 1 line<br>4 load   |
| Wire Size                             | Line 2, AWG 14...AWG 2/0, copper or aluminium<br>Load 4, AWG 14...AWG 4, copper or aluminium   |
| Electrical Connection                 | Tin plated aluminium lugs  |
| SCCR                                  | 100 kA UL 508 A  |
| Ambient air temperature for operation | -40...150 °C (-40...302 °F)  |
| Block Material                        | Phenolic: block  |
| Terminal Tightening Torque            | Line lug 40 lbf.in (4.5 N.m) AWG 8 copper or aluminium<br>Line lug 35 lbf.in (4.0 N.m) AWG 12...AWG 10 copper or aluminium<br>Line lug 35 lbf.in (4.0 N.m) AWG 14 copper<br>Line lug 120 lbf.in (13.6 N.m) AWG 6...AWG 2/0 copper or aluminium<br>Load lug 120 lbf.in (13.6 N.m) AWG 14...AWG 4 copper |
| Wire stripping length                 | Line: 0.5 in (12.7 mm)<br>Load: 0.44 in (11.18 mm) for top connection<br>Load: 0.75 in (19.05 mm) for bottom connection  |
| Height                                | 2.88 in (73.15 mm)   |
| Width                                 | 1.13 in (28.70 mm)   |
| Depth                                 | 1.78 in (45.21 mm)   |
| End Barrier                           | 9080LB21   |

## Environment

|                |  |
|----------------|--|
| Certifications | UL recognized E60616 CCN XCFR2<br>CSA file 70361 class 6228 01<br>CE |
|----------------|--|

## Ordering and shipping details

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications



|                   |              |
|-------------------|--------------|
| Category          | US10CP121711 |
| Discount Schedule | 0CP1         |
| GTIN              | 785901097303 |
| Returnability     | Yes          |
| Country of origin | US           |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Number of Units in Package 1 | 1                        |
| Package 1 Height             | 2.90 in (7.366 cm)       |
| Package 1 Width              | 1.10 in (2.794 cm)       |
| Package 1 Length             | 1.80 in (4.572 cm)       |
| Package 1 Weight             | 3.52 oz (99.79 g)        |
| Unit Type of Package 2       | CAR                      |
| Number of Units in Package 2 | 48                       |
| Package 2 Height             | 7.50 in (19.05 cm)       |
| Package 2 Width              | 6.40 in (16.256 cm)      |
| Package 2 Length             | 12.00 in (30.48 cm)      |
| Package 2 Weight             | 11.369 lb(US) (5.157 kg) |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|





## 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 >](#)

### Use Better

| <b>Materials and Substances</b>        |   |
|--|---|
| Packaging made with recycled cardboard | Yes   |
| Packaging without single use plastic   | No  |
| <a href="#">EU RoHS Directive</a>      | Compliant   |
| REACH Regulation                       | <a href="#">REACH Declaration</a>   |
| California proposition 65              | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

### Use Again

| <b>Repack and remanufacture</b> |  |
|---------------------------------|--|
| Circularity Profile             | No need of specific recycling operations |
| Take-back                       | No                                       |