# Product data sheet

Specifications



Discontinued

## Mini circuit breaker, Homeline, 20A, 1 pole, 120VAC, 10kA AIR, combo arc fault, plug on neutral, plug in, UL [TAA]

HOM120PCAFI

Discontinued on: Jun 23, 2026

To be end-of-service on: Dec 31, 2026

**Product availability: Stock - Normally stocked in distribution facility**

## Main

| | |
|---|---|
| **Product** | Miniature circuit-breaker |
| **Range** | Homeline |
| **Current Rating** | 20 A |
| **Certifications** | UL Listed |
| **Voltage Rating** | 120 V AC |
| **Mounting Type** | Plug-in |
| **Number of Poles** | 1P |
| **Short Circuit Current Rating** | 10 kA |
| **Number of Spaces** | 1 |
| **Circuit Breaker Type** | Combination ARC-fault |
| **Ratings** | HACR rated |
| **Electrical Connection** | Clamp terminal for 2 cables |
| **Wire Size** | 1 x AWG 14...AWG 8 ( aluminium/copper ) |

## Complementary

| | |
|---|---|
| **Connections - Terminals** | Plug-on neutral |
| **Tightening torque** | 35.4 lbf.in (4.0 N.m) 0.004…0.009 in² (2.5…6 mm²) (AWG 14...AWG 8) |
| **Height** | 3.13 in (79.50 mm) |
| **Width** | 1 in (25.4 mm) |
| **Depth** | 2.98 in (75.69 mm) |

## Environment

| | |
|---|---|
| **Ambient Air Temperature for Operation** | 104 °F (40 °C) |

## Ordering and shipping details

| | |
|---|---|
| **Category** | US1DE3D06301 |
| **Discount Schedule** | DE3D |
| **GTIN** | 785901594475 |

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

| | |
|---|---|
| **Returnability** | Yes |
| **Country of origin** | MX |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 1.400 in (3.556 cm) |
| **Package 1 Width** | 3.900 in (9.906 cm) |
| **Package 1 Length** | 5.100 in (12.954 cm) |
| **Package weight(Lbs)** | 9.760 oz (276.691 g) |
| **Unit Type of Package 2** | CAR |
| **Number of Units in Package 2** | 40 |
| **Package 2 Height** | 4.000 in (10.160 cm) |
| **Package 2 Width** | 13.900 in (35.306 cm) |
| **Package 2 Length** | 21.100 in (53.594 cm) |
| **Package 2 Weight** | 24.930 lb(US) (11.308 kg) |
| **Unit Type of Package 3** | PAL |
| **Number of Units in Package 3** | 2160 |
| **Package 3 Height** | 40.000 in (101.600 cm) |
| **Package 3 Width** | 42.000 in (106.680 cm) |
| **Package 3 Length** | 42.000 in (106.680 cm) |
| **Package 3 Weight** | 1373.0004 lb(US) (622.782 kg) |

## Compliance

| | |
|---|---|
| **Compliance** | TAA Compliant |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## 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 | **40 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **2 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0.1 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **37 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.1 kg CO2 eq.** |
| 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 By Exemption** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |
| 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 www.P65Warnings.ca.gov** |
| Halogen content performance | **Halogen free product** |

## Use Longer

### Lifetime extension

| | |
|---|---|
| Repair | **No** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **31** |
| Circularity Profile | **End of Life Information** |
| Take-back | **No** |

Technical Illustration

**Dimensions**

