

# Product datasheet

Specifications



## iC65N circuit breakers, C curve, 6A, 400V, 3P, 6kA, 6 mod width

A9F18306

⚠ Discontinued on: 22 Feb 2025

EAN Code: 3606485455976

⚠ Discontinued

## Main

|                           |   |
|---------------------------|---|
| Range of product          | Acti9   |
| Range                     | Acti9   |
| Product name              | IC65  |
| Product or component type | Miniature circuit-breaker   |
| Device short name         | iC65N   |
| Poles description         | 3P  |
| Device application        | Distribution  |
| Number of protected poles | 3   |
| [In] rated current        | 6 A at 30 °C  |
| Network type              | AC  |
| Trip unit technology      | Thermal-magnetic  |
| Curve code                | C   |
| Breaking capacity         | 6 kA Icn at 400 V AC 50/60 Hz per pole conforming to GB/T 10963.1<br>6 kA Icn at 400 V AC 50/60 Hz per pole conforming to IEC 60898-1 |
| Suitability for isolation | Yes   |
| Utilisation category      | Category A  |

## Complementary

|  |                   |
|--|-------------------|
| Network frequency                      | 50/60 Hz          |
| [Ue] rated operational voltage         | 400 V AC 50/60 Hz |
| Magnetic tripping limit                | 5...10 x In       |
| Limitation class                       | 3                 |
| [Uimp] rated impulse withstand voltage | 6 kV              |
| [Ui] rated insulation voltage          | 500 V AC          |
| Contact position indicator             | Yes               |
| Control type                           | Toggle            |
| Local signalling                       | ON/OFF indication |
| Mounting mode                          | Clip-on           |
| Mounting support                       | DIN rail          |
| 9 mm pitches                           | 6                 |
| Height                                 | 94 mm             |

|                                 |   |
|---------------------------------|---|
| <b>Depth</b>                    | 78.5 mm   |
| <b>Net weight</b>               | 320 g   |
| <b>Mechanical durability</b>    | 20000 cycles  |
| <b>Electrical durability</b>    | 10000 cycles  |
| <b>Connections - terminals</b>  | Tunnel type terminals top or bottom 1...25 mm <sup>2</sup> rigid without cable end<br>Tunnel type terminals top or bottom 1...16 mm <sup>2</sup> flexible with or without cable end |
| <b>Wire stripping length</b>    | Power circuit: 14 mm  |
| <b>Tightening torque</b>        | Power circuit: 2.5 N.m  |
| <b>Earth-leakage protection</b> | Separate block  |

## Environment

|  |                              |
|--|------------------------------|
| <b>Standards</b>                             | IEC 60898-1<br>GB 10963.1    |
| <b>Product certifications</b>                | CCC<br>CE<br>CCS             |
| <b>IP degree of protection</b>               | IP20 conforming to IEC 60529 |
| <b>Pollution degree</b>                      | 3                            |
| <b>Overvoltage category</b>                  | IV                           |
| <b>Tropicalisation</b>                       | 2 conforming to IEC 60068-1  |
| <b>Relative humidity</b>                     | 95 % at 55 °C                |
| <b>Ambient air temperature for operation</b> | -35...70 °C                  |
| <b>Ambient air temperature for storage</b>   | -40...85 °C                  |

## Packing Units

|                                     |          |
|-------------------------------------|----------|
| <b>Unit Type of Package 1</b>       | PCE      |
| <b>Number of Units in Package 1</b> | 1        |
| <b>Package 1 Height</b>             | 5.323 cm |
| <b>Package 1 Width</b>              | 7.354 cm |
| <b>Package 1 Length</b>             | 9.26 cm  |
| <b>Package 1 Weight</b>             | 294.5 g  |
| <b>Unit Type of Package 2</b>       | BB1      |
| <b>Number of Units in Package 2</b> | 4        |
| <b>Package 2 Height</b>             | 8.34 cm  |
| <b>Package 2 Width</b>              | 9.64 cm  |
| <b>Package 2 Length</b>             | 21.87 cm |
| <b>Package 2 Weight</b>             | 1.18 kg  |
| <b>Unit Type of Package 3</b>       | CAR      |
| <b>Number of Units in Package 3</b> | 36       |
| <b>Package 3 Height</b>             | 24.5 cm  |
| <b>Package 3 Width</b>              | 26.5 cm  |
| <b>Package 3 Length</b>             | 30.5 cm  |
| <b>Package 3 Weight</b>             | 11.5 kg  |



## 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                       | 6 kg CO2 eq.                                  |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |
| 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]     | 4 kg CO2 eq.                                  |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.4 kg CO2 eq.                                |

### Use Better



### Materials and Substances

|  |  |
|--|--|
| Average percentage of recycled plastic content | 16 %   |
| Packaging made with recycled cardboard         | Yes  |
| Packaging without single use plastic           | Yes  |
| EU RoHS Directive                              | <a href="#">Compliant</a>  |
| REACH Regulation                               | <a href="#">Reference contains Substances of Very High Concern above the threshold</a> |
| Halogen-free status                            | Product contains halogen above thresholds  |

### Use Longer




### Lifetime extension

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

### Use Again



### Repack and remanufacture

|                                 |   |
|---------------------------------|---|
| Recyclability potential, in %   | 49  |
| End of life manual availability | No need of specific recycling operations  |
| 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 |