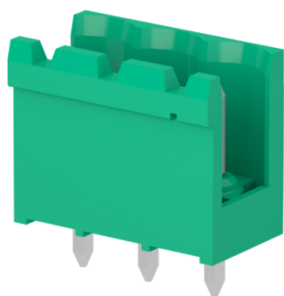


# CIM020A1 - Header

<https://www.sauro.net/product/CIM020A1>



Number of poles: 2, 16A, 300V, Pitch 5 mm, Side stackable, Connection Angle 0, Green (RAL 6032), Soldering technology Wave, UL, VDE, IMQ, CSA, CUL

## General data

|                     |                |
|---------------------|----------------|
| Number of poles     | 2              |
| Number of levels    | 1              |
| Sides configuration | Side stackable |
| Pitch               | 5 mm           |
| Voltage             | 300 V          |
| Current             | 16 A           |
| Housing composition | Monolithic     |

## Features

|                             |                                   |
|-----------------------------|-----------------------------------|
| Operating temperature range | -40°C ÷ 105°C                     |
| Climatic category           | -40/105/21 according to EN60068-1 |
| Contact resistance          | <15 mOhm                          |
| Insulation resistance       | >1 GOhm                           |

## Certifications

CSA (n.LR 102896)

|                 |       |
|-----------------|-------|
| Rated voltage   | 300 V |
| Nominal current | 15 A  |

# CIM020A1 - Header

<https://www.sauro.net/product/CIM020A1>

## CUL (n.E167473)

|                 |       |
|-----------------|-------|
| Rated voltage   | 300 V |
| Nominal current | 15 A  |

## IMQ (n.EM672)

|                                       |       |       |      |
|---------------------------------------|-------|-------|------|
| Rated voltage                         | 300 V |       |      |
| Nominal current                       | 12 A  |       |      |
| Insulating category                   | I     |       |      |
| Overvoltage category/Pollution degree | III/3 | III/2 | II/2 |
| Impulse voltage                       | 4kV   | 4kV   | 4kV  |
| Rated voltage                         | 250V  | 300V  | 600V |
| Insulation voltage                    | 250V  | 320V  | 630V |
| Maximum temp usage                    | 110   |       |      |

## UL (n.E167473)

|                 |       |   |       |
|-----------------|-------|---|-------|
| Usage group     | B     | C | D*    |
| Rated voltage   | 300 V | - | 300 V |
| Nominal current | 15 A  |   |       |

\* These limited ratings are applicable to a terminal block for use in or with industrial control equipment whereby the load on any single circuit of the terminal block does not exceed 15A at 51-150V, 10A at 151-300V, or 5A at 301-600V, or the maximum ampere rating, whichever is less.

## VDE (n.40027448 Reg.-Nr. 112754)

|                                       |       |       |      |
|---------------------------------------|-------|-------|------|
| Rated voltage                         | 250 V |       |      |
| Nominal current                       | 16 A  |       |      |
| Insulating category                   | III   |       |      |
| Overvoltage category/Pollution degree | III/3 | III/2 | II/2 |
| Maximum temp usage                    | 100   |       |      |

## Materials

|                                                               |                                |
|---------------------------------------------------------------|--------------------------------|
| Terminal contact                                              | Nickel and tin on copper alloy |
| Insulating housing material                                   | PA Polyamide                   |
| Insulating material group                                     | I (CTI $\geq$ 600V)            |
| Flammability rating according to UL94                         | V0                             |
| Glow Wire Flammability Index GWFI according to EN60695-2-12   | 850°C                          |
| Glow Wire Ignition Temperature GWIT according to EN60695-2-13 | 775°C                          |

<https://www.sauro.net/product/CIM020A1>

# CIM020A1 - Header

<https://www.sauro.net/product/CIM020A1>

| Available colors |                     |
|------------------|---------------------|
| Green            | similar toRAL 6032  |
| Dark green       | similar to RAL 6017 |
| Black            | similar to RAL 9005 |
| Light gray       | similar to RAL 7035 |
| Dark gray        | similar to RAL 7040 |
| Orange           | similar to RAL 2003 |
| Blue             | similar to RAL 5012 |
| Brown            | similar to RAL 8028 |
| Yellow           | similar to RAL 1018 |
| White            | similar to RAL 9001 |
| Red              | similar to RAL 3017 |
| Another color    | on demand           |

<https://www.sauro.net/product/CIM020A1>

# CIM020A1 - Header

<https://www.sauro.net/product/CIM020A1>

## Usable with

