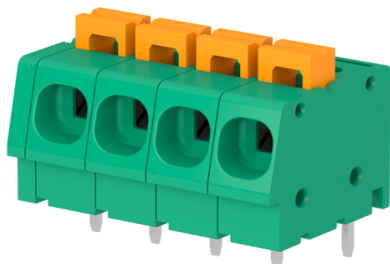


# MCM09001 - Terminal block

<https://www.sauro.net/product/MCM09001>



Number of poles: 9, Spring tightening, 16A, 2.5mm<sup>2</sup>, 12AWG, 300V, Pitch 5 mm, Not stackable, Connection Angle 0°, Number of levels: 1, Green (RAL 6032), Soldering technology Wave, UL, VDE, CUL

## General data

|                     |                     |
|---------------------|---------------------|
| Number of poles     | 9                   |
| Number of levels    | 1                   |
| Sides configuration | Not stackable       |
| Pitch               | 5 mm                |
| Voltage             | 300 V               |
| Current             | 16 A                |
| Housing composition | Monolithic          |
| Wire section        | 2.5 mm <sup>2</sup> |
| Wire section        | 30 AWG ÷ 12 AWG     |
| Connection angle    | 0°                  |
| Available approvals | UL, VDE, CUL        |
| Stripping length    | 11 mm               |

## 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

[CUL \(n.E167473\)](#)

<https://www.sauro.net/product/MCM09001>

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|                 |                 |
|-----------------|-----------------|
| Rated voltage   | 300 V           |
| Nominal current | 16 A            |
| Wire section    | 30 AWG ÷ 12 AWG |

## UL (n.E167473)

|                 |                 |   |   |
|-----------------|-----------------|---|---|
| Usage group     | B               | C | D |
| Rated voltage   | 300 V           | - | - |
| Nominal current | 16 A            |   |   |
| Wire section    | 30 AWG ÷ 12 AWG |   |   |

## VDE (n.40029775 Reg.-Nr. D371)

|                     |                     |
|---------------------|---------------------|
| Rated voltage       | 250 V               |
| Nominal current     | 16 A                |
| Wire section        | 2.5 mm <sup>2</sup> |
| Insulating category | I                   |
| Maximum temp usage  | 110                 |

## Materials

|                                                               |                                |
|---------------------------------------------------------------|--------------------------------|
| Terminal contact                                              | Nickel and tin on copper alloy |
| Spring tightening                                             | Stainless steel                |
| Insulating housing material                                   | PA Polyamide                   |
| Insulating material group                                     | I (CTI >= 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                          |

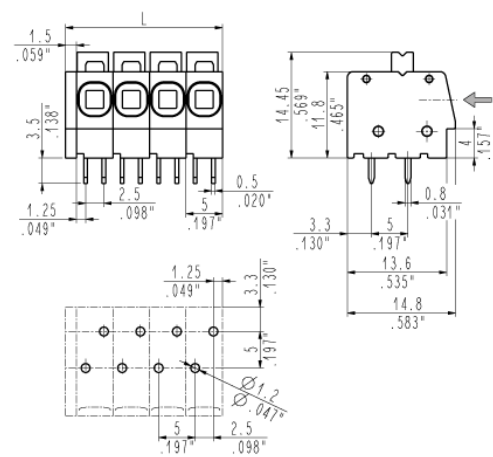
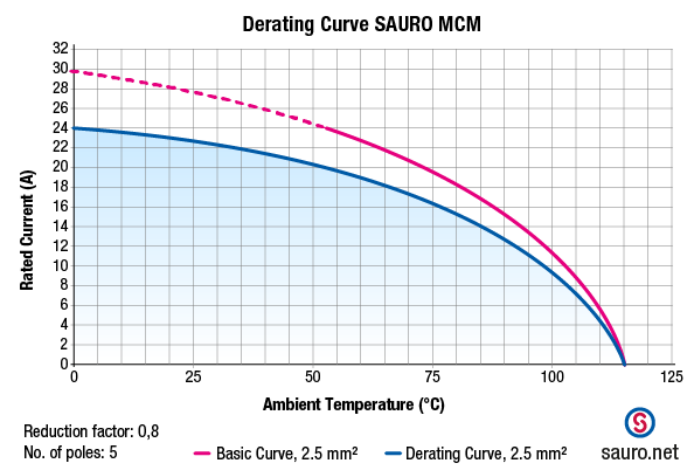
## Available colors

|               |                     |
|---------------|---------------------|
| Green         | similar to RAL 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           |

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