



Terminal block for printed circuit board

XW4A-02C1-V1



Image

Terminal block, 2 poles, plug

|                      |                |
|----------------------|----------------|
| Terminal shape       | Terminal block |
| Number of poles      | 2              |
| Plug and socket type | plug           |
| Rated voltage        | AC250V         |
| Rated current        | 12<br>10<br>10 |

Rating / specification

Information update: 2016/08/30

|                           |                                                                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Terminal shape            | Terminal block                                                                                                                                   |
| Contact method            | Double-sided contact method                                                                                                                      |
| Number of poles           | 2                                                                                                                                                |
| Terminal pitch            | 5.08mm                                                                                                                                           |
| Number of columns         | 1                                                                                                                                                |
| Material                  | Housing: Glass fiber reinforced PBT resin (UL94V-0) / Green<br>contact: Copper alloy                                                             |
| Plating                   | Nickel base Tin plating (Plating thickness 5.0 μm)                                                                                               |
| Plug and socket type      | plug                                                                                                                                             |
| Mating partner            | XW4B-02C1-H1                                                                                                                                     |
| Applicable wire           | Core configuration: single wire, stranded wire                                                                                                   |
| PCB mounting              | Flow solder, manual solder<br>recommended substrate thickness: 1.6 to 1.6 mm ** 2<br>terminal length: 3.5 mm                                     |
| Mounting height           | 12 mm                                                                                                                                            |
| Rated voltage             | AC250V                                                                                                                                           |
| Rated current             | 12<br>10<br>10                                                                                                                                   |
| Ambient temperature range | When used: -40 to 100 °C<br>Storage: -20 to 90 °C                                                                                                |
| Contact resistance        | 10 mΩ or less                                                                                                                                    |
| Insulation resistance     | 100 MΩ (after applying 500 V DC for 60 seconds)                                                                                                  |
| Withstand voltage         | AC 3000 V (leakage current 1 mA or less when applied for 60 seconds)                                                                             |
| Tensile strength          | Connect a wire to the minimum cross-sectional area 0.2mm ** 2 (single wire) 10NN terminal block and apply a specified tensile force for 1 minute |

|                 |                               |
|-----------------|-------------------------------|
| Dimensions (mm) | 12.2 (W) x 15.9 (H) x 8.3 (D) |
| mass            | Approximately 0.83 g          |

Information update: 2016/08/30

Page top

| Notice / Latest Information                                                                                                                                                                                          | product                                                  | Technical Guide                 | Service support                    | Semina                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------|------------------------------------|----------------------------------------------------|
| <b>solution</b><br><br>Manufacturing site innovation<br><br>Event publication<br><br>Field data utilization service<br><br>i-BELT<br><br><br>Products Supporting i-Automation!<br><br>Panel Solution (Control Panel) | Sensor                                                   | Product FAQ                     | Robotics support                   | Choose from practice ser                           |
|                                                                                                                                                                                                                      | switch                                                   | Technical explanation           | Japanese Counseling Desk           | Choose from learning)                              |
|                                                                                                                                                                                                                      | Safety                                                   | FA glossary                     | Japan Desk                         | Choose from learning)                              |
|                                                                                                                                                                                                                      | relay                                                    |                                 | World Regional Service Information | Choose from                                        |
|                                                                                                                                                                                                                      | Control                                                  | <b>Download center</b>          |                                    | Introducer employees                               |
|                                                                                                                                                                                                                      | FA system equipment                                      | catalog                         |                                    | Designer In Course                                 |
|                                                                                                                                                                                                                      | Motion / drive                                           | manual                          |                                    | Introducer maintainer:                             |
|                                                                                                                                                                                                                      | Robotics                                                 | 2D CAD                          |                                    |                                                    |
|                                                                                                                                                                                                                      | Energy saving support / Environmental measures equipment | 3D CAD                          |                                    |                                                    |
|                                                                                                                                                                                                                      | Power supply / peripheral equipment etc                  | Electrical control CAD software |                                    |                                                    |
|                                                                                                                                                                                                                      |                                                          |                                 |                                    | <b>Sales net</b><br><br>Domestic s:<br>Overseas s: |
|                                                                                                                                                                                                                      |                                                          |                                 |                                    | <b>online sto</b>                                  |

|                   |      |          |               |                                            |              |
|-------------------|------|----------|---------------|--------------------------------------------|--------------|
| OMRON Corporation | help | site map | Related Links | About the handling of personal information | Terms of use |
|-------------------|------|----------|---------------|--------------------------------------------|--------------|

© Copyright OMRON Corporation 1996-2019. All Rights Reserved.