

**LOGIC UNIT WCU 650****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

With the fully encapsulated WCU 501 and WCU 650 logic modules, you monitor, control and regulate your processes - even under extreme environmental conditions. In this regard, the WCU series offers optimum dimensions, performance, robustness and user-friendliness. The graphic and intuitive Micon-L programming environment enables flexible switching of the analogue and digital inputs, plus the digital outputs too. The scope of both the software and the hardware can be expanded to suit customer requirements upon request. .

**General ordering data**

|            |   |
|------------|---|
| Version    | graphically programmable logic module, CAN interface, Mounting foot |
| Order No.  | <a href="#">2010680000</a>  |
| Type       | LOGIC UNIT WCU 650  |
| GTIN (EAN) | 4050118397406   |
| Qty.       | 1 pc(s).  |

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## Technical data

## Dimensions and weights

|            |       |                 |            |
|------------|-------|-----------------|------------|
| Depth      | 30 mm | Depth (inches)  | 1.181 inch |
| Height     | 93 mm | Height (inches) | 3.661 inch |
| Width      | 45 mm | Width (inches)  | 1.772 inch |
| Net weight | 102 g |                 |            |

## Temperatures

|                     |                       |                       |             |
|---------------------|-----------------------|-----------------------|-------------|
| Storage temperature | -40 °C...70 °C        | Operating temperature | -40 °C...70 |
| Humidity            | 5 - 95% rel. humidity |                       |             |

## Connection data

|                    |   |
|--------------------|---|
| Type of connection | Plug-in spring-type terminals (0.25 - 1.5 mm <sup>2</sup> ) |
|--------------------|---|

## General data

|      |       |                      |   |
|------|-------|----------------------|---|
| Rail | TS 35 | Vibration resistance | min. 50 m/s <sup>2</sup> (5 g) @ 10... 150 Hz |
|------|-------|----------------------|---|

## Power supply

|                             |                                   |
|-----------------------------|-----------------------------------|
| Reverse polarity protection | yes (combined with external fuse) |
|-----------------------------|-----------------------------------|

## System data

|           |         |
|-----------|---------|
| Interface | TTL 232 |
|-----------|---------|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001417    | ETIM 7.0    | EC001417    |
| ETIM 8.0    | EC001417    | ETIM 9.0    | EC001417    |
| ECLASS 9.0  | 27-24-22-16 | ECLASS 9.1  | 27-24-22-16 |
| ECLASS 10.0 | 27-24-22-16 | ECLASS 11.0 | 27-24-22-16 |
| ECLASS 12.0 | 27-24-22-16 | ECLASS 13.0 | 27-24-22-16 |

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate no. (cULus) | E141197    |

## Downloads

|                    |   |
|--------------------|---|
| Engineering Data   | <a href="#">CAD data – STEP</a>   |
| Software           | <a href="#">Runtime Software – Programmiersoftware miCon-L</a>                          |
| User Documentation | <a href="#">Handbuch WCU-Serie Deutsch</a><br><a href="#">Manual WCU-Series English</a> |
| Catalogues         | <a href="#">Catalogues in PDF-format</a>  |

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## Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Starterkits**

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**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | STARTERKIT WCU 650         | Version  |
| Order No.  | <a href="#">2007290000</a> | graphically programmable logic module incl. programming adapter, |
| GTIN (EAN) | 4050118392517              | CAN interface, Mounting foot                                     |
| Qty.       | 1 pc(s).                   |  |

**Accessories**

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**General ordering data**

|            |                            |         |
|------------|----------------------------|---------|
| Type       | WCU 860S - MICON-L CABLE   | Version |
| Order No.  | <a href="#">2515020000</a> | USB 2.0 |
| GTIN (EAN) | 4050118528749              |         |
| Qty.       | 1 pc(s).                   |         |