

**IE-FCI-PWB-GB****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

FrontCom® Vario integrates multiple functions in only one single frame. The system is easy to install and you can select from a wide range of data, signal and power modules. In addition to being extremely compact, FrontCom® Vario offers a number of unique product features that will make your project planning and work activities secure, fast and future-proof. Furthermore, the FrontCom® Vario system has an attractive housing design that, by the way, offers highest impact-resistance and fully meets the requirements of IP 65 protection class.

**General ordering data**

|            |                                                            |
|------------|------------------------------------------------------------|
| Version    | FrontCom, Insert Power large, Type G, Socket connector, GB |
| Order No.  | <a href="#">1450770000</a>                                 |
| Type       | IE-FCI-PWB-GB                                              |
| GTIN (EAN) | 4050118255577                                              |
| Qty.       | 1 pc(s).                                                   |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 37 g |
|------------|------|

## Temperatures

|                     |                |                       |               |
|---------------------|----------------|-----------------------|---------------|
| Storage temperature | -10 °C...70 °C | Operating temperature | -5 °C...40 °C |
|---------------------|----------------|-----------------------|---------------|

## General data

|                |                    |                   |        |
|----------------|--------------------|-------------------|--------|
| Connector face | Type G             | Fire load         | 770 kJ |
| Insert type    | Insert Power large | Protection degree | IP20   |

## Clampable conductors

|                                                                              |                             |
|------------------------------------------------------------------------------|-----------------------------|
| Conductor connection cross-section, extremely flexible with wire end ferrule | 1.5 ... 2.5 mm <sup>2</sup> |
|------------------------------------------------------------------------------|-----------------------------|

|                                                                              |      |                     |
|------------------------------------------------------------------------------|------|---------------------|
| Conductor connection cross-section, extremely flexible with wire end ferrule | min. | 1.5 mm <sup>2</sup> |
|                                                                              | max. | 2.5 mm <sup>2</sup> |

|                                                                                 |                           |
|---------------------------------------------------------------------------------|---------------------------|
| Conductor connection cross-section, extremely flexible without wire end ferrule | 1.5 ... 4 mm <sup>2</sup> |
|---------------------------------------------------------------------------------|---------------------------|

|                                                                                 |      |                     |
|---------------------------------------------------------------------------------|------|---------------------|
| Conductor connection cross-section, extremely flexible without wire end ferrule | min. | 1.5 mm <sup>2</sup> |
|                                                                                 | max. | 4 mm <sup>2</sup>   |

|                                                                    |      |                     |
|--------------------------------------------------------------------|------|---------------------|
| Conductor connection cross-section, flexible with wire end ferrule | max. | 2.5 mm <sup>2</sup> |
|                                                                    | min. | 1.5 mm <sup>2</sup> |

|                                                                    |                             |
|--------------------------------------------------------------------|-----------------------------|
| Conductor connection cross-section, flexible with wire end ferrule | 1.5 ... 2.5 mm <sup>2</sup> |
|--------------------------------------------------------------------|-----------------------------|

|                                                                       |                           |
|-----------------------------------------------------------------------|---------------------------|
| Conductor connection cross-section, flexible without wire end ferrule | 1.5 ... 4 mm <sup>2</sup> |
|-----------------------------------------------------------------------|---------------------------|

|                                                                       |      |                     |
|-----------------------------------------------------------------------|------|---------------------|
| Conductor connection cross-section, flexible without wire end ferrule | min. | 1.5 mm <sup>2</sup> |
|                                                                       | max. | 4 mm <sup>2</sup>   |

|                                           |      |                     |
|-------------------------------------------|------|---------------------|
| Conductor connection cross-section, rigid | max. | 4 mm <sup>2</sup>   |
|                                           | min. | 1.5 mm <sup>2</sup> |

|                                           |                           |
|-------------------------------------------|---------------------------|
| Conductor connection cross-section, rigid | 1.5 ... 4 mm <sup>2</sup> |
|-------------------------------------------|---------------------------|

|                  |      |
|------------------|------|
| Stripping length | 9 mm |
|------------------|------|

|                    |                  |
|--------------------|------------------|
| Type of connection | Screw connection |
|--------------------|------------------|

## Technical data

|                       |                  |               |      |
|-----------------------|------------------|---------------|------|
| Housing main material | Polycarbonate PC | Rated current | 13 A |
| Rated voltage (AC)    | 250 V            |               |      |

## General standards

|                       |            |
|-----------------------|------------|
| Certificate No. (DNV) | TAA000022B |
|-----------------------|------------|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001121    | ETIM 7.0    | EC001121    |
| ETIM 8.0    | EC001121    | ETIM 9.0    | EC001121    |
| ETIM 10.0   | EC001121    | ECLASS 9.0  | 27-44-03-90 |
| ECLASS 9.1  | 27-18-90-90 | ECLASS 10.0 | 27-44-03-90 |
| ECLASS 11.0 | 27-44-03-90 | ECLASS 12.0 | 27-18-28-92 |
| ECLASS 13.0 | 27-18-28-92 | ECLASS 14.0 | 27-18-28-92 |
| ECLASS 15.0 | 27-18-28-92 |             |             |

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## Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 14f36bdb-8bcd-4f24-8fb3-9538ad1abec6 |

## Approvals

Approvals



|                 |                                                                                                                                                                             |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319234/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319234/-T1z1mm-S800/</a> |
| ROHS            | Conform                                                                                                                                                                     |

## Downloads

|                                             |                                                                                                                                                                                                            |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">GL FrontCom</a>                                                                                                                                                                                |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                                                                                                                            |
| User Documentation                          | <a href="#">MAN IE GUIDE DE</a><br><a href="#">MAN IE GUIDE EN</a><br><a href="#">Socket Insert Overview EN</a><br><a href="#">Socket Insert Overview DE</a><br><a href="#">Designation key / Type key</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                                                                                                                   |
| Brochures                                   | <a href="#">MB FREECONTACT EN</a><br><a href="#">FL FIELDWIRING EN</a><br><a href="#">PI PROFINET CABLING EN</a><br><a href="#">PI PROFINET CABLING EN</a>                                                 |

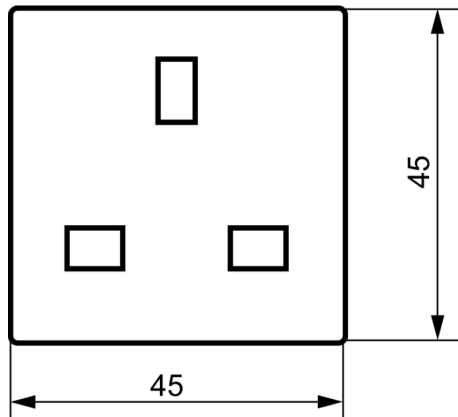
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## Drawings

**Dimensioned drawing**



**Dimensioned drawing**

