

**IE-C5DB4RE0050MCSMCSK67****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**General ordering data**

|            |                                                                                                                                               |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | System cable, M12 D-code – IP 67 straight pin, M12 D-code – IP 67 straight pin, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), Radox GKW S, 5 m |
| Order No.  | <a href="#">1526280050</a>                                                                                                                    |
| Type       | IE-C5DB4RE0050MCSMCSK67                                                                                                                       |
| GTIN (EAN) | 4050118337310                                                                                                                                 |
| Qty.       | 1 pc(s).                                                                                                                                      |

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**Technical data****Dimensions and weights**

|            |       |                 |             |
|------------|-------|-----------------|-------------|
| Length     | 5 m   | Length (inches) | 196.85 inch |
| Net weight | 409 g |                 |             |

**Temperatures**

|                          |                |                       |                |
|--------------------------|----------------|-----------------------|----------------|
| Storage temperature      | -40 °C...90 °C | Operating temperature | -40 °C...90 °C |
| Installation temperature | -25 °C...90 °C |                       |                |

**Cable specific standards**

|                                  |                                                                                                                                      |                                               |                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------|
| Corrosiveness of fumes           | to IEC 60754-2                                                                                                                       | Fire protection in buses                      | According to ISO 6722-1 5.22 (UN ECE-R 118.01)                         |
| Fire safety for railway vehicles | According to DIN 5510-2 fire safety levels 1,2,3,4, According to BS 6853, According to EN50288-2-2, According to EN 45545, HL1 - HL3 | Flames propagate vertically on bundled cables | According to BS4066-3, DIN EN 50266-2-5, According to IEC 60332-3-25 D |
| Fluorine content                 | According to EN 60684-2 Section 45.2                                                                                                 | Hydrogen halide content                       | According to EN-50267-2-1, According to IEC 60754-1                    |
| Impervious to smoke              | According to BS 6853 Appendix D, in accordance with EN 50268-2, According to IEC 61034-2                                             | Multi-wire metallic data and control cable    | According to EN50288-2-2                                               |
| Poisonous gases                  | According to BS 6853 Appendix B                                                                                                      |                                               |                                                                        |

**Cable structure**

|                       |                                         |                          |               |
|-----------------------|-----------------------------------------|--------------------------|---------------|
| Cross-section         | 2*2*AWG 22/7 - 2*2*0.36 mm <sup>2</sup> | Insulation cross-section | 1.95 mm       |
| Material sheath       | Radox GKW S                             | Sheath diameter, max.    | 7.55 mm       |
| Sheath diameter, min. | 6.95 mm                                 | Sheathing colour         | black, SF/UTP |
| Shielding             | SF/UTP                                  | Strands                  | 7             |

**Electrical properties of cable**

|          |                                             |
|----------|---------------------------------------------|
| Category | Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B) |
|----------|---------------------------------------------|

**Mechanical and material properties of cable**

|                                 |                                        |                        |                                                                                          |
|---------------------------------|----------------------------------------|------------------------|------------------------------------------------------------------------------------------|
| Abrasion resistance             | very good                              | Corrosiveness of fumes | to IEC 60754-2                                                                           |
| Halogen                         | halogen-free, according to IEC 60754-2 | Impervious to smoke    | According to BS 6853 Appendix D, in accordance with EN 50268-2, According to IEC 61034-2 |
| Min. bending radius, repetitive | 6 * diameter                           | Resistance to oils     | in accordance with EN 50306-3                                                            |

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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002599    | ETIM 7.0    | EC002599    |
| ETIM 8.0    | EC002599    | ETIM 9.0    | EC002599    |
| ETIM 10.0   | EC002599    | ECLASS 9.0  | 27-06-03-08 |
| ECLASS 9.1  | 27-06-03-08 | ECLASS 10.0 | 27-06-03-08 |
| ECLASS 11.0 | 27-06-03-08 | ECLASS 12.0 | 27-06-03-08 |
| ECLASS 13.0 | 27-06-03-08 | ECLASS 14.0 | 27-06-03-08 |
| ECLASS 15.0 | 27-06-03-08 |             |             |

**Environmental Product Compliance**

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 67cf1078-beca-4687-860b-dc475a6ec24a |

**Approvals**

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

**Downloads**

|                    |                                                                             |
|--------------------|-----------------------------------------------------------------------------|
| User Documentation | <a href="#">MAN IE GUIDE DE</a><br><a href="#">MAN IE GUIDE EN</a>          |
| Catalogues         | <a href="#">Catalogues in PDF-format</a>                                    |
| Brochures          | <a href="#">FL FIELDWIRING EN</a><br><a href="#">PI PROFINET CABLING EN</a> |