

IE-C5DB4RE0150MCSMCS-E

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Assembled IE cables, railway cable, Cat.5, blue or black,
M12

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, 15 m |
| Order No. | 1010850150 |
| Type | IE-C5DB4RE0150MCSMCS-E |
| GTIN (EAN) | 4032248751167 |
| Qty. | 1 items |

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Technical data

Approvals

ROHS Conform

Dimensions and weights

| | | | |
|------------|--------|-----------------|---------------|
| Length | 15 m | Length (inches) | 590.5512 inch |
| Net weight | 1.16 g | | |

Temperatures

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

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 |

Cable specific standards

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

Cable structure

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

Electrical properties of cable

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

Mechanical and material properties of cable

| | | | |
|---------------------------------|-------------------------------|---------------------|----------------------------------------|
| Resistance to oils | in accordance with EN 50306-3 | Halogen | halogen-free, according to IEC 60754-2 |
| Min. bending radius, repetitive | 6 * diameter | Abrasion resistance | very good |

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| | | | |
|-------------------------------|------------------------------------------------------------------------------------------|------------------------|----------------|
| Resistance to spread of flame | in accordance with IEC 60332-1-2 | Corrosiveness of fumes | to IEC 60754-2 |
| Impervious to smoke | According to BS 6853 Appendix D, in accordance with EN 50268-2, According to IEC 61034-2 | | |

Plug, left

| | |
|-----------|---------------------------------------------------------------------|
| Plug left | M12, D-coded, IP67, male contact, straight, plug, Plastic, shielded |
|-----------|---------------------------------------------------------------------|

Plug, right

| | |
|------------|---------------------------------------------------------------------|
| Plug right | M12, D-coded, IP67, male contact, straight, plug, Plastic, shielded |
|------------|---------------------------------------------------------------------|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002599 | ETIM 9.0 | EC002599 |
| ETIM 10.0 | EC002599 | ECLASS 14.0 | 27-06-03-08 |
| ECLASS 15.0 | 27-06-03-08 | | |

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Drawings

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Wiring diagram

Detailed drawing

| | | |
|-----|--------|-----|
| M12 | | M12 |
| 1 | yellow | 1 |
| 2 | white | 2 |
| 3 | orange | 3 |
| 4 | blue | 4 |

