

## IE-SW-EL05-5GT

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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



### Features of EcoLine unmanaged Switch series

- Huge variety of port count and media type enable a wide range of applications (5 to 24 ports)
- Models supporting Gigabit Ethernet including Jumbo Frame support for applications with high demand on bandwidth and latency
- Suitable for use in harsh industrial environment thanks to rugged design and wide operating temperature range of -40°C up to 75°C
- Reliable operation due to redundant voltage inputs, fault relay and LED diagnostics

### General ordering data

|            |   |
|------------|---|
| Version    | Network switch, unmanaged, Gigabit Ethernet, Number of ports: 5x RJ45, IP30, -40 °C...75 °C |
| Order No.  | <a href="#">2682210000</a>  |
| Type       | IE-SW-EL05-5GT  |
| GTIN (EAN) | 4050118692501   |
| Qty.       | 1 items   |

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**Technical data**

**Approvals**

Approvals



|                         |                            |
|-------------------------|----------------------------|
| ROHS                    | Conform                    |
| UL File Number Search   | <a href="#">UL Website</a> |
| Certificate no. (cULus) | E141197                    |

**Dimensions and weights**

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 70 mm   | Depth (inches)  | 2.7559 inch |
| Height     | 95 mm   | Height (inches) | 3.7401 inch |
| Width      | 26.1 mm | Width (inches)  | 1.0276 inch |
| Net weight | 235 g   |                 |             |

**Temperatures**

|                     |                            |                       |                |
|---------------------|----------------------------|-----------------------|----------------|
| Storage temperature | -40 °C...85 °C             | Operating temperature | -40 °C...75 °C |
| Humidity            | 5 to 95 % (non-condensing) |                       |                |

**Environmental Product Compliance**

|                                      |   |
|--------------------------------------|---|
| RoHS Compliance Status               | Compliant with exemption                |
| RoHS Exemption (if applicable/known) | 6c, 7a, 7cl                             |
| REACH SVHC                           | Lead 7439-92-1, Lead monoxide 1317-36-8 |
| SCIP                                 | 9229992a-00b9-4096-8962-200a7f33e289    |

**EMC conformity and approvals**

|                 |                             |               |   |
|-----------------|-----------------------------|---------------|---|
| Free fall       | According to IEC 60068-2-31 | EMC standards | EN 55032, EN 55024, CISPR 32, FCC Part 15 Subpart B Class A, IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV, IEC 61000-4-3 RS: 80 MHz bis 1 Ghz: 3 V/m, IEC 61000-4-4 EFT: Power: 0.5 kV; Signal: 0.5 kV, IEC 61000-4-5 Surge: Power: 0,5 kV; Signal: 1 kV, IEC 61000-4-6 CS: 3 Vrms |
| Vibration       | according to IEC 60068-2-6  | Shock         | according to IEC 60068-2-27   |
| Safety standard | UL 61010-1, UL 61010-2-201  |               |   |

**Environmental conditions**

|                             |                            |                 |
|-----------------------------|----------------------------|-----------------|
| Operating temperature, max. | 75 °C                      |                 |
| Operating temperature, min. | -40 °C                     |                 |
| Humidity                    | 5 to 95 % (non-condensing) |                 |
| Storage temperature, max.   | 85 °C                      |                 |
| Storage temperature, min.   | -40 °C                     |                 |
| Operating altitude          | Altitude, max.             | 2000 m          |
|                             | Note                       | in acc. with UL |
|                             | Altitude, max.             | 6000 m          |

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## Technical data

Note

for restrictions, see the manufacturer's declaration for operating altitude in section downloads

## Guarantee

Time interval 5 years

## Interfaces

|               |  |                 |         |
|---------------|--|-----------------|---------|
| RJ45 ports    | 10/100/1000BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port | Number of ports | 5x RJ45 |
| LED indicator | Power LED: PWR1, PWR2, Port LED: LNK/ACT, 10/100/1000M (RJ45 port)                 |                 |         |

## MTBF

|      |                              |                  |
|------|------------------------------|------------------|
| MTBF | According to Standard        | Telcordia SR-332 |
|      | Operating time (hours), min. | 2556319 h        |

## Power supply

|                             |                                   |        |  |
|-----------------------------|-----------------------------------|--------|--|
| Reverse polarity protection | Yes                               |        |  |
| Supply voltage              | 12/24/48 V DC, 2 redundant inputs |        |  |
| Overload current protection | Yes                               |        |  |
| Connection type             | 1 removable 4-pin terminal block  |        |  |
| Voltage supply range        | Voltage type                      | DC     |  |
|                             | Voltage, min.                     | 10.8 V |  |
|                             | Voltage, max.                     | 52.8 V |  |
| Current consumption         | Voltage                           | 24 V   |  |
|                             | Current                           | 0.14 A |  |

## Switch characteristics

|                     |           |                     |               |
|---------------------|-----------|---------------------|---------------|
| MAC table size      | 4 K       | Packet buffer size  | 1 Mbit        |
| Bandwidth backplane | 10 Gbit/s | Jumbo frame support | up to 9.72 KB |

## Technical data

|                       |           |                  |                  |
|-----------------------|-----------|------------------|------------------|
| Housing main material | Metal     | Type of mounting | DIN rail         |
| Protection degree     | IP30      | Speed            | Gigabit Ethernet |
| Switch                | unmanaged |                  |                  |

## Technology

|                         |   |              |                          |
|-------------------------|---|--------------|--------------------------|
| Data switching Standard | Store and Forward<br>IEEE 802.3 for 10BASE-T, IEEE 802.3u for 100BASE-TX, IEEE 802.3ab for 1000BASE-T, IEEE 802.3x for flow control | Flow control | IEEE 802.3x flow control |
|-------------------------|---|--------------|--------------------------|

## Classifications

|           |          |             |             |
|-----------|----------|-------------|-------------|
| ETIM 8.0  | EC000734 | ETIM 9.0    | EC000734    |
| ETIM 10.0 | EC000734 | ECLASS 14.0 | 19-17-04-02 |

Creation date 18.02.2026 02:50:12 MEZ

Catalogue status / Drawings

**Technical data**

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ECLASS 15.0

19-17-04-02

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## Accessories

### Mounting kit for 19" rack assembly

- For assembling DIN rail-based devices on 19" racks



### General ordering data

|            |                            |                           |  |
|------------|----------------------------|---------------------------|--|
| Type       | RM-KIT                     | Version                   |  |
| Order No.  | <a href="#">1241440000</a> | Kit for 19"-rack mounting |  |
| GTIN (EAN) | 4050118029154              |                           |  |
| Qty.       | 1 ST                       |                           |  |