



PRODUCT-DETAILS

# Orion2-4-K4-120-B

## Orion2-4-K4-120-B Safety light grid



| General Information   |   |
|-----------------------|---|
| Extended Product Type | Orion2-4-K4-120-B   |
| Product ID            | 2TLA022304R0300   |
| EAN                   | 7350024481761   |
| Catalog Description   | Orion2-4-K4-120-B Safety light grid   |
|                       | Orion2 Base Light Grids, Transmitter + Receiver, 4 beams, Protected height=1200mm, Range=0.5-50m, Type 4.   |
| Long Description      | Orion2 Base is a compact light grid for access protection. The light grid has 2-4 beams and is intended for body detection. With an operating distance of 50 m between transmitter and receiver the light grid is suitable for applications with deviating mirrors. |

| Ordering               |            |
|------------------------|------------|
| Minimum Order Quantity | 1 piece    |
| Customs Tariff Number  | 9031499000 |

| Popular Downloads                 |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2TLC010001C0202 |

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 2TLC172288M0201 |
| Marketing Video          | 9AKK10103A4645  |
|                          | 2TLC010018N0201 |

Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Depth / Length | 41 mm    |
| Product Net Height         | 1.36 m   |
| Product Net Width          | 70 mm    |
| Product Net Weight         | 3.274 kg |

Technical

|                                      |  |
|--------------------------------------|--|
| Device Resolution                    | 415 mm   |
| Operating Distance (S <sub>n</sub> ) | 0.5...50   |
| Optical Field Protected Height       | 1200 mm  |
| Type of Optical Detection            | Body up to 50 m without muting, two sides connection |

Material Compliance

|   |  |
|---|--|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658  |
| REACH Declaration                           | 2CMT2022-006480  |
| RoHS Information                            | 2CMT2022-006499  |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances Control Act - TSCA         | 2CMT2023-006522  |
| WEEE B2C / B2B                              | Business To Business   |
| WEEE Category                               | 4. Large Equipment (Any External Dimension More Than 50 cm)            |

Certificates and Declarations

|                                  |                       |
|----------------------------------|-----------------------|
| Declaration of Conformity - CCC  | No declaration needed |
| Declaration of Conformity - CE   | 2TLC010141D0201       |
| Declaration of Conformity - UKCA | 2TLC010169D0201       |
| TÜV Certificate                  | 2TLC172265D0201       |
| UL Certificate                   | 2TLC172301D0201       |

Classifications

|                            |                                  |
|----------------------------|----------------------------------|
| E-Number (Sweden)          | 3830945                          |
| ETIM 4                     | EC002716 - One-way light barrier |
| ETIM 5                     | EC002716 - One-way light barrier |
| ETIM 6                     | EC002549 - Light curtain         |
| ETIM 7                     | EC002549 - Light curtain         |
| ETIM 8                     | EC002549 - Light curtain         |
| ETIM 9                     | EC002549 - Light curtain         |
| Object Classification Code | B                                |
| UNSPSC                     | 46171620                         |
| eClass                     | V11.0 : 27270910                 |

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Categories

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Low Voltage Products and Systems → Control Products → Safety Products → Optical Safety Devices

