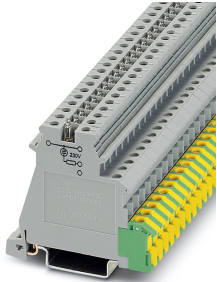


## Sensor/actuator terminal block - DOK 1,5-LA230/O-M - 2717061

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Sensor/actuator terminal block, connection method: Screw connection, cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 24 - 12, width: 6.2 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

RoHS

### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| GTIN                                 | <br>4 017918 062088 |
| GTIN                                 | 4017918062088   |
| Weight per Piece (excluding packing) | 16.620 g  |
| Custom tariff number                 | 85369010  |
| Country of origin                    | Poland  |

### Technical data

#### General

|   |  |
|---|--|
| Number of levels                                | 3  |
| Number of connections                           | 4  |
| Nominal cross section                           | 2.5 mm <sup>2</sup>  |
| Color   | gray   |
| Insulating material                             | PA   |
| Flammability rating according to UL 94          | V2   |
| Rated surge voltage                             | 4 kV   |
| Degree of pollution                             | 3  |
| Overvoltage category                            | III  |
| Insulating material group                       | I  |
| Maximum power dissipation for nominal condition | 0.77 W (the value is multiplied when connecting multiple levels) |

# Sensor/actuator terminal block - DOK 1,5-LA230/O-M - 2717061

## Technical data

### General

|                                  |   |
|----------------------------------|---|
| Connection in acc. with standard | IEC 60947-7-1   |
| Nominal current $I_N$            | 24 A  |
| Maximum load current             | 26 A (with a 2.5 mm <sup>2</sup> conductor cross section) |
| Nominal voltage $U_N$            | 250 V (the voltage is determined by the light indicator.) |
| Open side panel                  | No  |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 61.5 mm |
| Height NS 35/7,5 | 54.5 mm |
| Height NS 35/15  | 62 mm   |

### Connection data

|  |                      |
|--|----------------------|
| Connection method  | Screw connection     |
| Conductor cross section solid min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.   | 4 mm <sup>2</sup>    |
| Conductor cross section flexible min.  | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.  | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.   | 24                   |
| Conductor cross section AWG max.   | 12                   |
| Conductor cross section flexible, with ferrule without plastic sleeve min.                             | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max.                             | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                                | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                                | 2.5 mm <sup>2</sup>  |
| Cross section with insertion bridge, solid max.  | 4 mm <sup>2</sup>    |
| Cross section with insertion bridge, stranded max.   | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid min.   | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.   | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded min.  | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.  | 1 mm <sup>2</sup>    |
| Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum  | 0.25 mm <sup>2</sup> |
| Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum  | 1 mm <sup>2</sup>    |
| Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum | 0.5 mm <sup>2</sup>  |
| Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum | 1 mm <sup>2</sup>    |
| Cross section with insertion bridge, solid max.  | 4 mm <sup>2</sup>    |
| Cross section with insertion bridge, stranded max.   | 2.5 mm <sup>2</sup>  |

# Sensor/actuator terminal block - DOK 1,5-LA230/O-M - 2717061

## Technical data

### Connection data

|                           |        |
|---------------------------|--------|
| Stripping length          | 8 mm   |
| Internal cylindrical gage | A3     |
| Screw thread              | M3     |
| Tightening torque, min    | 0.5 Nm |
| Tightening torque max     | 0.6 Nm |

### Ambient conditions

|  |   |
|--|---|
| Operating temperature                    | -60 °C ... 105 °C (max. short-term operating temperature 125°C)           |
| Ambient temperature (storage/transport)  | -25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C) |
| Permissible humidity (storage/transport) | 30 % ... 70 %   |
| Ambient temperature (assembly)           | -5 °C ... 70 °C   |
| Ambient temperature (actuation)          | -5 °C ... 70 °C   |

### Standards and Regulations

|  |               |
|--|---------------|
| Connection in acc. with standard       | CSA           |
|  | IEC 60947-7-1 |
| Flammability rating according to UL 94 | V2            |

### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 years  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Classifications

### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27141128 |
| eCl@ss 11.0   | 27141128 |
| eCl@ss 4.0    | 27141100 |
| eCl@ss 4.1    | 27141100 |
| eCl@ss 5.0    | 27141100 |
| eCl@ss 5.1    | 27141100 |
| eCl@ss 6.0    | 27141100 |
| eCl@ss 7.0    | 27141128 |
| eCl@ss 9.0    | 27141128 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000900 |
| ETIM 3.0 | EC000900 |

# Sensor/actuator terminal block - DOK 1,5-LA230/O-M - 2717061

## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC000900 |
| ETIM 6.0 | EC000900 |
| ETIM 7.0 | EC000900 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |
| UNSPSC 18.0   | 39121410 |
| UNSPSC 19.0   | 39121410 |
| UNSPSC 20.0   | 39121410 |
| UNSPSC 21.0   | 39121410 |

## Approvals


### Approvals

#### Approvals

CSA / UL Recognized / cUL Recognized / EAC / EAC / EAC / cULus Recognized

#### Ex Approvals

### Approval details

|                            |   |   |       |
|----------------------------|---|---|-------|
| CSA                        |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 13631 |
| Nominal voltage UN         | 300 V   |   |       |
| Nominal current IN         | 15 A  |   |       |
| mm <sup>2</sup> /AWG/kcmil | 28-14   |   |       |

# Sensor/actuator terminal block - DOK 1,5-LA230/O-M - 2717061

## Approvals

|                            |       |   |              |
|----------------------------|-------|---|--------------|
| UL Recognized              |       | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 60425 |
|                            |       |   |              |
| Nominal voltage UN         | 300 V |   |              |
| Nominal current IN         | 15 A  |   |              |
| mm <sup>2</sup> /AWG/kcmil | 30-14 |   |              |

|                            |       |   |              |
|----------------------------|-------|---|--------------|
| cUL Recognized             |       | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 60425 |
|                            |       |   |              |
| Nominal voltage UN         | 300 V |   |              |
| Nominal current IN         | 15 A  |   |              |
| mm <sup>2</sup> /AWG/kcmil | 30-14 |   |              |

|     |  |               |
|-----|--|---------------|
| EAC |  | EAC-Zulassung |
|-----|--|---------------|

|     |  |                          |
|-----|--|--------------------------|
| EAC |  | RU C-<br>DE.AI30.B.01102 |
|-----|--|--------------------------|

|     |  |                          |
|-----|--|--------------------------|
| EAC |  | RU C-<br>DE.BL08.B.00534 |
|-----|--|--------------------------|

|                  |  |  |
|------------------|--|--|
| cULus Recognized |  |  |
|------------------|--|--|