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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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D-SUB bus connector - SUBCON 15/M-SH - 2761606

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D-SUB connector, 15-pos, male connector, one cable entry < 35°, universal type for all systems, pin assignment: 1, 2, 3, ..., 14, 15 to screw connection terminal block

Why buy this product

- Easy assembly thanks to knurled screws
- High level of EMC
- Assembly under field conditions
- Flexibility in terms of cable entry selection
- For universal use
- Change to the D-SUB orientation through a reversible connection block

Key Commercial Data

| | |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 STK |
| GTIN |  4 017918 101671 |
| GTIN | 4017918101671 |
| Sales Key | 07 |

Technical data

Dimensions

| | |
|---------------------|-------|
| Max. cable diameter | 10 mm |
| Min. cable diameter | 4 mm |
| Width | 16 mm |
| Height | 55 mm |
| Length | 65 mm |

Ambient conditions

| | |
|-----------------------------------------|----------------------------------------------------------|
| Ambient temperature (operation) | -20 °C ... 75 °C |
| Ambient temperature (storage/transport) | -25 °C ... 80 °C |
| Altitude | 5000 m (For restrictions see manufacturer's declaration) |

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Technical data

Ambient conditions

| | |
|----------------------|------|
| Degree of protection | IP20 |
| | IP20 |

General

| | |
|-----------------------------|------------------------------------------------------------------------------------------------------------|
| Nominal voltage U_N | 50 V |
| Nominal current I_N | 100 mA |
| Signal | Modbus |
| Insertion/withdrawal cycles | > 200 |
| SUBCON fixing screws | 4-40 UNC |
| Tightening torque | 0.4 Nm |
| Housing material | ABS, metal-plated |
| Pin assignment | All connections are 1:1 on the screw terminal block |
| MTTF | 6706 Years (SN 29500 standard, temperature 25 °C, operating cycle 21 % (5 days a week, 8 hours a day)) |
| | 1817 Years (SN 29500 standard, temperature 40 °C, operating cycle 34.25 % (5 days a week, 12 hours a day)) |
| | 155 Years (SN 29500 standard, temperature 40 °C, operating cycle 100 % (7 days a week, 24 hours a day)) |

Connection data

| | |
|--------------------------------------------|----------------------|
| Connection | D-SUB connection |
| Number of positions | 15 |
| Connection method | D-SUB connector |
| Connection | PCB connection |
| Connection method | Screw connection |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 1 mm ² |
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Min. AWG conductor cross section, flexible | 26 |
| Max. AWG conductor cross section, flexible | 18 |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 16 |
| Stripping length | 5 mm |
| Tightening torque | 0.4 Nm |

Standards and Regulations

| | |
|-------------------------------------------------------------------|----------------------------------------------------------------|
| Free from substances that could impair the application of coating | according to P-VW 3.10.7 57 65 0 VW-AUDI-Seat central standard |
| Connection in acc. with standard | CUL |
| ATEX | # II 3 G Ex nA IIC T4 Gc X |
| Noxious gas test | ISA-S71.04-1985 G3 Harsh Group A |

Environmental Product Compliance

| | |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

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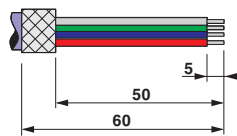
Technical data

Environmental Product Compliance

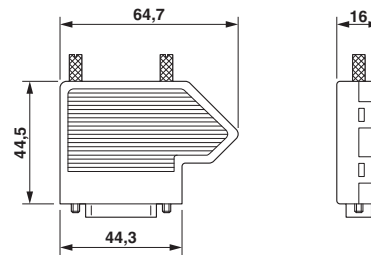
| | |
|------------|-----------------------------------------------------------------------------------------------------|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Schematic diagram



Dimensional drawing



Stripping specifications

Approvals

Approvals

Approvals

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

Ex Approvals

ATEX

Approval details

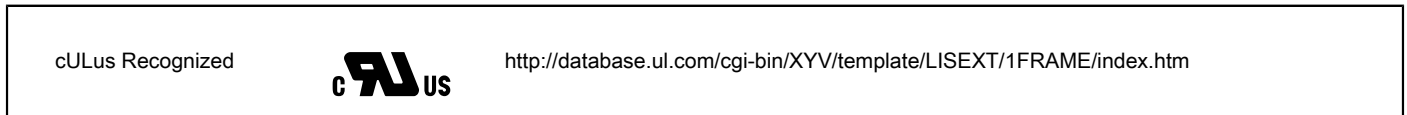
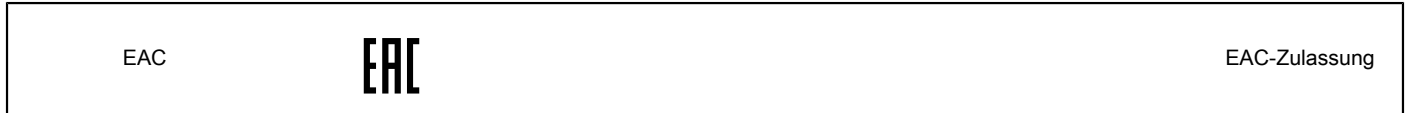
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|---------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |
|---------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|

| | | | |
|----------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |
|----------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|

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|-----|--|-----------------------------------------------------------------------------------------------------------------------------------------|---------|
| CSA | | http://www.csagroup.org/services-industries/product-listing/ | 2437602 |
|-----|--|-----------------------------------------------------------------------------------------------------------------------------------------|---------|

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Approvals



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