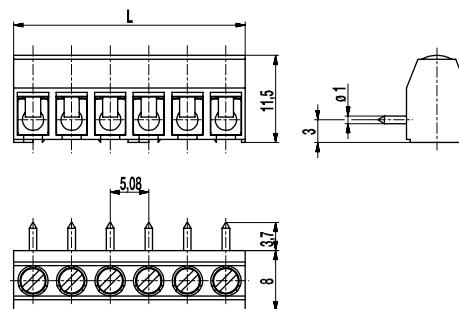
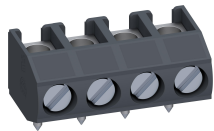


# 941(-DS)

PCB connector

Screw connection, wire entrance vertical to PCB



## GENERAL INFORMATION

|              |         |
|--------------|---------|
| Pitch        | 5,08 mm |
| No. of poles | 2 - 32  |

## TECHNICAL DATA

|                               |                                                                                                              |        |               |
|-------------------------------|--------------------------------------------------------------------------------------------------------------|--------|---------------|
| Clamping Range                | <i>solid / stranded / AWG</i>                                                                                |        |               |
| <i>without wire protector</i> | 0,75 - 4 mm <sup>2</sup> / 0,75 - 2,5 mm <sup>2</sup> / 18 - 12 AWG                                          |        |               |
| <i>with wire protector</i>    | 0,34 - 2,5 mm <sup>2</sup> / 0,34 - 2,5 mm <sup>2</sup> / 22 - 14 AWG                                        |        |               |
| Rated Cross Section           | 1,5 mm <sup>2</sup>                                                                                          |        |               |
| Wire Stripping Length         | 5 mm ± 0,5 mm                                                                                                |        |               |
| Overvoltage Category          | III                                                                                                          | III    | II            |
| Pollution Severity Level      | 3                                                                                                            | 2      | 2             |
| Rated Voltage                 | 160 V                                                                                                        | 160 V  | 320 V (250 V) |
| Rated Impulse Voltage         | 2,5 kV                                                                                                       | 2,5 kV | 2,5 kV        |
| Rated Insulation Voltage      | 130 V acc. to EN 60998-1                                                                                     |        |               |
| Rated Current                 | 17,5 A                                                                                                       |        |               |
| Hole in PCB                   | ø 1,3 mm                                                                                                     |        |               |
| Torque                        | 0,4 Nm                                                                                                       |        |               |
| Other specifications          | Voltage data in brackets are valid for 9-32 poles types. 2-8 poles types: "no-flame" acc. to glow-wire test. |        |               |

## APPROVALS

|                                                                                     | Current [A] | Voltage [V] | Group | AWG     | [Nm] |
|-------------------------------------------------------------------------------------|-------------|-------------|-------|---------|------|
|  | 15          | 300         | B     | 26 - 14 | 0,4  |
|  | 15          | 300         | B     | 26 - 14 | 0,4  |

## CONFIGURATIONS

| Poles | Item   | Article number | Item      | Article number | Length (L) | Packaging | PU  |
|-------|--------|----------------|-----------|----------------|------------|-----------|-----|
| 2     | 941/02 | 10.877.102     | 941-DS/02 | 20.877.102     | 10,16 mm   | Box       | 250 |
| 3     | 941/03 | 10.877.103     | 941-DS/03 | 20.877.103     | 15,24 mm   | Box       | 250 |
| 4     | 941/04 | 10.877.104     | 941-DS/04 | 20.877.104     | 20,32 mm   | Box       | 200 |
| 5     | 941/05 | 10.877.105     | 941-DS/05 | 20.877.105     | 25,40 mm   | Box       | 100 |
| 6     | 941/06 | 10.877.106     | 941-DS/06 | 20.877.106     | 30,48 mm   | Box       | 100 |
| 7     | 941/07 | 10.877.107     | 941-DS/07 | 20.877.107     | 35,56 mm   | Box       | 100 |
| 8     | 941/08 | 10.877.108     | 941-DS/08 | 20.877.108     | 40,64 mm   | Box       | 100 |
| 9     | 941/09 | 10.877.109     | 941-DS/09 | 20.877.109     | 45,72 mm   | Box       | 100 |
| 10    | 941/10 | 10.877.110     | 941-DS/10 | 20.877.110     | 50,80 mm   | Box       | 100 |
| 11    | 941/11 | 10.877.111     | 941-DS/11 | 20.877.111     | 55,88 mm   | Box       | 100 |
| 12    | 941/12 | 10.877.112     | 941-DS/12 | 20.877.112     | 60,96 mm   | Box       | 100 |

further number of poles on request

