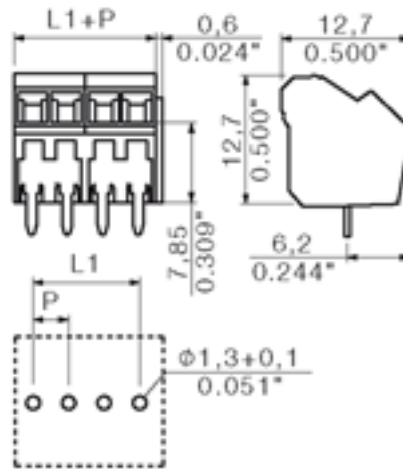
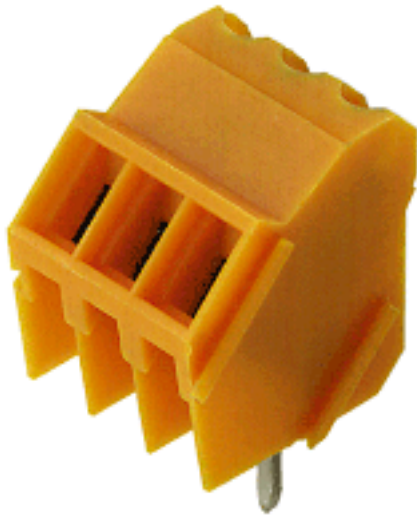




#### General ordering data

|                  |                                                                                                                                                             |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Order No.        | 1845280000                                                                                                                                                  |
| Part designation | LM3.5/10/135 3.2 OR                                                                                                                                         |
| Version          | PCB terminal, Clamping yoke connection,<br>Soldered connection, Clamping range, max.: 2.08<br>mm <sup>2</sup> , Pitch: 3.50 mm, No. of poles: 10, 135°, Box |
| EAN              | 4032248357994                                                                                                                                               |
| Qty.             | 50 pc(s).                                                                                                                                                   |

#### System parameters

|                                 |                          |
|---------------------------------|--------------------------|
| Product family                  | System LM                |
| Conductor connection system     | Clamping yoke connection |
| Fitted to PCB                   | Soldered connection      |
| Outgoing direction of conductor | 135°                     |
| Pitch                           | 3.5 mm                   |
| Pitch in inch                   | 0.138 inch               |
| No. of poles                    | 10                       |
| Fitted by customer              | yes                      |
| Max. adjacent poles per row     | 24                       |
| No. of rows                     | 1                        |
| Solder pin length               | 3.2 mm                   |
| Dia. of fitting hole            | 1.3 mm                   |
| Fitting hole tolerance          | + 0.1 mm                 |
| No. of solder pins per pole     | 1                        |

**System parameters**

|                                           |                        |
|-------------------------------------------|------------------------|
| Screwdriver blade                         | 0.4 x 2.5              |
| Screwdriver blade standard                | DIN 5264               |
| Tightening torque, min.                   | 0.2                    |
| Tightening torque, max.                   | 0.25 Nm                |
| Clamping screw                            | M 2                    |
| Stripping length                          | 5 mm                   |
| L1 in mm                                  | 31.5 mm                |
| L1 in inch                                | 1.24 inch              |
| Electric shock protection to DIN VDE 0470 | IP 20                  |
| Electric shock protection to DIN VDE 0470 | Safe from finger touch |

**Material data**

|                               |                     |
|-------------------------------|---------------------|
| Insulating material           | PA                  |
| Colour                        | orange              |
| colour chart                  | Similar to RAL 2000 |
| Insulating material group     | I                   |
| Flammability class UL 94      | V-2                 |
| CTI                           | >= 600              |
| Temperature of glow-wire test | 750 °C              |
| Duration of glow-wire test    | 30 S                |
| Contact base material         | Copper alloy        |
| Contact surface               | tinned              |
| Storage temperature, min.     | -20 °C              |
| Storage temperature, max.     | 55 °C               |

**Connectable conductors**

|                                                 |                      |
|-------------------------------------------------|----------------------|
| Clamping range, min.                            | 0.08 mm <sup>2</sup> |
| Clamping range, max.                            | 2.08 mm <sup>2</sup> |
| AWG, min.                                       | 28                   |
| AWG, max.                                       | 14                   |
| O.D. of conductor insulation, max.              | 2.9 mm               |
| Solid, min. H05(07) V-U                         | 0.5 mm <sup>2</sup>  |
| Solid, max. H05(07) V-U                         | 1.5 mm <sup>2</sup>  |
| Flexible, min. H05(07) V-K                      | 0.5 mm <sup>2</sup>  |
| Flexible, max. H05(07) V-K                      | 1.5 mm <sup>2</sup>  |
| w. plastic collar ferrule, DIN 46228 pt 4, min. | 0.5 mm <sup>2</sup>  |
| w. plastic collar ferrule, DIN 46228 pt 4, max. | 0.75 mm <sup>2</sup> |
| Gauge to EN 60999 a x b; ø                      | 2.4 mm x 1.5 mm;     |

**DIN IEC rating data**

|                                                              |       |
|--------------------------------------------------------------|-------|
| Rated current, min. No. pins (Tu=20°C)                       | 16 A  |
| Rated current, max. No. pins (Tu=20°C)                       | 12 A  |
| Rated current, min. No. pins (Tu=40°C)                       | 14 A  |
| Rated current, max. No. pins (Tu=40°C)                       | 10 A  |
| Rated voltage for overvoltage class/pollution severity II/2  | 320 V |
| Rated voltage for overvoltage class/pollution severity III/2 | 160 V |
| Rated voltage for overvoltage class/pollution severity III/3 | 160 V |

**DIN IEC rating data**

|                                                                                |                  |
|--------------------------------------------------------------------------------|------------------|
| Rated impulse withstand voltage for overvoltage class/pollution severity II/2  | 2.5 kV           |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/2 | 2.5 kV           |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 2.5 kV           |
| Short-time withstand current resistance                                        | 3 x 1s with 72 A |

**CSA rating data**

|                                    |       |
|------------------------------------|-------|
| Rated voltage (Use group D)        | 300 V |
| Rated current (Use group D)        | 10 A  |
| AWG conductor (field wiring), min. | 28    |
| AWG conductor (field wiring), max. | 14    |

**UL 1059 rating data**

|                             |       |
|-----------------------------|-------|
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 10 A  |
| AWG conductor, min.         | 28    |
| AWG conductor, max.         | 14    |

**Approvals**

Approvals institutes

**Downloads**

|                                       |        |
|---------------------------------------|--------|
| CAD Library (P-CAD Format - Standard) | LM.lib |
|---------------------------------------|--------|

**Classifications**

|            |          |
|------------|----------|
| ETIM 2.0   | NK       |
| ETIM 3.0   | EC001284 |
| eClass 4.1 | NK       |
| eClass 5.0 | NK       |
| eClass 5.1 | NK       |

**Similar products**

| Order No. | Part designation | Version |
|-----------|------------------|---------|
|-----------|------------------|---------|

|            |                     |                                                                                                                                                       |
|------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1714980000 | LM3.5/2/135 3.2 OR  | PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 3.50 mm, No. of poles: 2, 135°, Box  |
| 1715020000 | LM3.5/3/135 3.2 OR  | PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 3.50 mm, No. of poles: 3, 135°, Box  |
| 1845220000 | LM3.5/4/135 3.2 OR  | PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 3.50 mm, No. of poles: 4, 135°, Box  |
| 1845230000 | LM3.5/5/135 3.2 OR  | PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 3.50 mm, No. of poles: 5, 135°, Box  |
| 1845240000 | LM3.5/6/135 3.2 OR  | PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 3.50 mm, No. of poles: 6, 135°, Box  |
| 1845250000 | LM3.5/7/135 3.2 OR  | PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 3.50 mm, No. of poles: 7, 135°, Box  |
| 1845260000 | LM3.5/8/135 3.2 OR  | PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 3.50 mm, No. of poles: 8, 135°, Box  |
| 1845270000 | LM3.5/9/135 3.2 OR  | PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 3.50 mm, No. of poles: 9, 135°, Box  |
| 1845290000 | LM3.5/11/135 3.2 OR | PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 3.50 mm, No. of poles: 11, 135°, Box |
| 1845300000 | LM3.5/12/135 3.2 OR | PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 3.50 mm, No. of poles: 12, 135°, Box |