



General ordering data

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| Order No. | 1770690000 |
| Part designation | BLIDCB 3.5/4 SN SW |
| Version | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.5 mm ² , Pitch: 3.50 mm, No. of poles: 4, 90°/270°, Box |
| EAN | 4032248174478 |
| Qty. | 10 pc(s). |

System parameters

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|---|------------------------|
| Conductor connection system | IDC terminal |
| Outgoing direction of conductor | 90°/270° |
| Pitch | 3.5 mm |
| Pitch in inch | 0.138 inch |
| No. of poles | 4 |
| No. of rows | 1 |
| Screwdriver blade | 0.4 x 2.5 |
| Screwdriver blade standard | DIN 5264-A |
| L1 in mm | 10.5 mm |
| L1 in inch | 0.413 inch |
| Electric shock protection to DIN VDE 0470 | IP 20 |
| Electric shock protection to DIN VDE 0470 | Safe from finger touch |

Material data

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|---------------------------|---------------------|
| Insulating material | PBT |
| Colour | black |
| colour chart | Similar to RAL 9011 |
| Insulating material group | IIIa |
| Flammability class UL 94 | V-0 |
| CTI | >= 200 |
| Contact base material | CuSn |
| Contact surface | tinned |

Connectable conductors

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|------------------------------------|----------------------|
| Clamping range, min. | 0.32 mm ² |
| Clamping range, max. | 0.5 mm ² |
| AWG, min. | 22 |
| AWG, max. | 20 |
| Outer diameter of insulation, max. | 2.1 mm |
| Solid, min. H05(07) V-U | 0.2 mm ² |
| Solid, max. H05(07) V-U | 0.5 mm ² |
| Flexible, min. H05(07) V-K | 0.2 mm ² |
| Flexible, max. H05(07) V-K | 0.5 mm ² |

DIN IEC rating data

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| Rated current, min. No. pins (Tu=20°C) | 6 A |
| Rated current, max. No. pins (Tu=20°C) | 6 A |
| Rated current, min. No. pins (Tu=40°C) | 6 A |
| Rated current, max. No. pins (Tu=40°C) | 5 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 |
| 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 60 A |

CSA rating data

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|------------------------------------|-------|
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 7 A |
| AWG conductor (field wiring), min. | 22 |
| AWG conductor (field wiring), max. | 20 |

UL 1059 rating data

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|-----------------------------|-------|
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 7 A |
| AWG conductor, min. | 22 |
| AWG conductor, max. | 20 |

Approvals

Approvals institutes



Classifications

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|------------|-------------|
| ETIM 2.0 | NK |
| ETIM 3.0 | EC001284 |
| eClass 4.1 | 27-26-07-01 |
| eClass 5.0 | 27-26-07-01 |
| eClass 5.1 | 27-26-07-04 |

Similar products

| Order No. | Part designation | Version |
|------------|--------------------|--|
| 1751380000 | BLIDCB 3.5/2 SN OR | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.5 mm ² , Pitch: 3.50 mm, No. of poles: 2, 90°/270°, Box |
| 1770670000 | BLIDCB 3.5/2 SN SW | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.5 mm ² , Pitch: 3.50 mm, No. of poles: 2, 90°/270°, Box |
| 1751390000 | BLIDCB 3.5/3 SN OR | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.5 mm ² , Pitch: 3.50 mm, No. of poles: 3, 90°/270°, Box |
| 1770680000 | BLIDCB 3.5/3 SN SW | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.5 mm ² , Pitch: 3.50 mm, No. of poles: 3, 90°/270°, Box |
| 1751400000 | BLIDCB 3.5/4 SN OR | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.5 mm ² , Pitch: 3.50 mm, No. of poles: 4, 90°/270°, Box |
| 1751410000 | BLIDCB 3.5/5 SN OR | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.5 mm ² , Pitch: 3.50 mm, No. of poles: 5, 90°/270°, Box |
| 1770700000 | BLIDCB 3.5/5 SN SW | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.5 mm ² , Pitch: 3.50 mm, No. of poles: 5, 90°/270°, Box |
| 1751420000 | BLIDCB 3.5/6 SN OR | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.5 mm ² , Pitch: 3.50 mm, No. of poles: 6, 90°/270°, Box |
| 1770710000 | BLIDCB 3.5/6 SN SW | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.5 mm ² , Pitch: 3.50 mm, No. of poles: 6, 90°/270°, Box |
| 1751430000 | BLIDCB 3.5/7 SN OR | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.5 mm ² , Pitch: 3.50 mm, No. of poles: 7, 90°/270°, Box |
| 1770720000 | BLIDCB 3.5/7 SN SW | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.5 mm ² , Pitch: 3.50 mm, No. of poles: 7, 90°/270°, Box |

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| 1751440000 | BLIDCB 3.5/8 SN OR | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.5 mm ² , Pitch: 3.50 mm, No. of poles: 8, 90°/270°, Box |
| 1770730000 | BLIDCB 3.5/8 SN SW | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.5 mm ² , Pitch: 3.50 mm, No. of poles: 8, 90°/270°, Box |