



General ordering data

| | |
|------------------|---|
| Order No. | 1759500000 |
| Part designation | BLIDC 5.08/2B0.75 SN OR |
| Version | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm ² , Pitch: 5.08 mm, No. of poles: 2, 180°, Box |
| EAN | 4032248069736 |
| Qty. | 100 pc(s). |

System parameters

| | |
|---|------------------------|
| Conductor connection system | IDC terminal |
| Outgoing direction of conductor | 180° |
| Pitch | 5.08 mm |
| Pitch in inch | 0.2 inch |
| No. of poles | 2 |
| No. of rows | 1 |
| L1 in mm | 5.08 mm |
| L1 in inch | 0.2 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 | PBT |
| Colour | orange |

Material data

| | |
|---------------------------|---------------------|
| colour chart | Similar to RAL 2000 |
| Insulating material group | IIIa |
| Contact base material | CuSn |
| Contact surface | tinned |

Connectable conductors

| | |
|----------------------------|----------------------|
| Clamping range, min. | 0.32 mm ² |
| Clamping range, max. | 0.75 mm ² |
| AWG, min. | 22 |
| AWG, max. | 20 |
| Solid, min. H05(07) V-U | 0.5 mm ² |
| Solid, max. H05(07) V-U | 0.75 mm ² |
| Flexible, min. H05(07) V-K | 0.5 mm ² |
| Flexible, max. H05(07) V-K | 0.75 mm ² |

DIN IEC rating data

| | |
|--|------------------|
| Rated current, min. No. pins (Tu=20°C) | 11 A |
| Rated current, max. No. pins (Tu=20°C) | 9 A |
| Rated current, min. No. pins (Tu=40°C) | 9 A |
| Rated current, max. No. pins (Tu=40°C) | 7.5 A |
| Rated voltage for overvoltage class/pollution severity II/2 | 400 V |
| Rated voltage for overvoltage class/pollution severity III/2 | 320 V |
| Rated voltage for overvoltage class/pollution severity III/3 | 250 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity II/2 | 4 kV |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/2 | 4 kV |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 4 kV |
| Short-time withstand current resistance | 1 x 1s with 90 A |

CSA rating data

| | |
|------------------------------------|-------|
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 8 A |
| AWG conductor (field wiring), min. | 22 |
| AWG conductor (field wiring), max. | 20 |

UL 1059 rating data

| | |
|-----------------------------|-------|
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 5 A |
| AWG conductor, min. | 22 |
| AWG conductor, max. | 20 |

Approvals

Approvals institutes



Classifications

| | |
|------------|-------------|
| 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 |
|------------|-------------------------|--|
| 1759610000 | BLIDC 5.08/2B0.75 SN SW | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm ² , Pitch: 5.08 mm, No. of poles: 2, 180°, Box |
| 1759630000 | BLIDC 5.08/4B0.75 SN SW | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm ² , Pitch: 5.08 mm, No. of poles: 4, 180°, Box |
| 1759540000 | BLIDC 5.08/6B0.75 SN OR | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm ² , Pitch: 5.08 mm, No. of poles: 6, 180°, Box |
| 1759650000 | BLIDC 5.08/6B0.75 SN SW | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm ² , Pitch: 5.08 mm, No. of poles: 6, 180°, Box |
| 1759550000 | BLIDC 5.08/7B0.75 SN OR | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm ² , Pitch: 5.08 mm, No. of poles: 7, 180°, Box |
| 1759670000 | BLIDC 5.08/8B0.75 SN SW | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm ² , Pitch: 5.08 mm, No. of poles: 8, 180°, Box |
| 1759600000 | BLIDC 5.08/12B0.75SN OR | PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm ² , Pitch: 5.08 mm, No. of poles: 12, 180°, Box |