



General ordering data

Order No.	1759650000
Part designation	BLIDC 5.08/6B0.75 SN SW
Version	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
EAN	4032248069880
Qty.	50 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	6
No. of rows	1
L1 in mm	25.4 mm
L1 in inch	1 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	black

Material data

colour chart	Similar to RAL 9011
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
1759500000	BLIDC 5.08/2B0.75 SN OR	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm ² , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
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
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