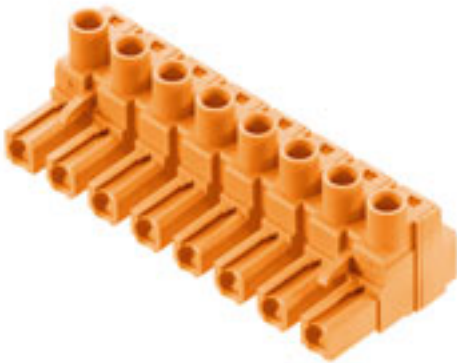


General ordering data

Order No.	1980480000
Part designation	BLZ7.62HP/02SN OR
EAN	4032248675531
Qty.	100 pc(s).

System parameters

Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	180°
Pitch	7.62 mm
Pitch in inch	0.3 inch
No. of poles	2
No. of rows	1
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264
Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5
Stripping length	7 mm
L1 in mm	7.62 mm
L1 in inch	0.3 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
Insulating material group	IIIa
Flammability class UL 94	V-0
CTI	>= 200
Contact base material	Copper alloy
Contact surface	tinned

Connectable conductors

Clamping range, min.	0.08 mm ²
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Connectable conductors

Clamping range, max.	4 mm ²
AWG, min.	28
AWG, max.	12
Solid, min. H05(07) V-U	0.08 mm ²
Solid, max. H05(07) V-U	4 mm ²
Flexible, min. H05(07) V-K	0.08 mm ²
Flexible, max. H05(07) V-K	4 mm ²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.5 mm ²
With wire end ferrule, acc. to DIN 46 228/1, max.	2.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm ²
Gauge to EN 60999 a x b; ø	2.8 mm x 2.4 mm

DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	29 A
Rated current, max. No. pins (Tu=20°C)	26.5 A
Rated current, min. No. pins (Tu=40°C)	25 A
Rated current, max. No. pins (Tu=40°C)	23 A
Rated voltage for overvoltage class/pollution severity II/2	630 V
Rated voltage for overvoltage class/pollution severity III/2	500 V
Rated voltage for overvoltage class/pollution severity III/3	400 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	6 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	6 kV
Short-time withstand current resistance	3 x 1s with 120 A

CSA rating data

Rated voltage (Use group C)	600 V
Rated current (Use group C)	18.5 A
AWG conductor (field wiring), min.	28
AWG conductor (field wiring), max.	12

UL 1059 rating data

Rated voltage (Use group C)	600 V
Rated current (Use group C)	18.5 A
AWG conductor, min.	28
AWG conductor, max.	12

Approvals

Approvals institutes



Classifications

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
1980490000	BLZ7.62HP/03SN OR	
1980500000	BLZ7.62HP/04SN OR	
1980510000	BLZ7.62HP/05SN OR	
1980520000	BLZ7.62HP/06SN OR	
1980530000	BLZ7.62HP/07SN OR	
1980540000	BLZ7.62HP/08SN OR	
1980550000	BLZ7.62HP/09SN OR	
1980560000	BLZ7.62HP/10SN OR	
1980570000	BLZ7.62HP/11SN OR	
1980580000	BLZ7.62HP/12SN OR	