



General ordering data	
Order No.	1761380000
Part designation	LP7.50/3/180 3.2 OR
Version	PCB terminal, Clamping yoke connection,
	Soldered connection, Clamping range, max.: 6
	mm ² , Pitch: 7.50 mm, No. of poles: 3, 180°, Box
EAN	4032248121632
Qty.	100 pc(s).

Product family	System LP
Conductor connection system	Clamping yoke connection
Fitted to PCB	Soldered connection
Outgoing direction of conductor	180°
Pitch	7.5 mm
Pitch in inch	0.295 inch
No. of poles	3
Fitted by customer	yes
Max. adjacent poles per row	16
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 standard
Tightening torque, min.
Tightening torque, max.
Clamping screw
Stripping length
L1 in mm L1 in inch L1 in inch L1 in inch L1 in inch L2 inch inch Electric shock protection to DIN VDE 0470 Safe from back-of-hand touch Material data Insulating material Colour colour orange colour chart Insulating material group 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. 25 °C Storage temperature, max. 55 °C Connectable conductors Clamping range, min. Clamping range, min. Clamping range, min. AWG, min. AWG, min. 26 AWG, min. 27 Solid, min. H05(07) V-U Solid, max. H07V-R Flexible, min. H05(07) V-K With wire end ferrule, acc. to DIN 46 228/1, min. With wire end ferrule, acc. to DIN 46 228/1, min. With wire end ferrule, acc. to DIN 46 228/1, min. With wire end ferrule, acc. to DIN 46 228/1, min. With wire end ferrule, acc. to DIN 46 228/1, min. With wire end ferrule, acc. to DIN 46 228/1, min. With wire end ferrule, acc. to DIN 46 228/1, min. With wire end ferrule, acc. to DIN 46 228/1, min. With wire end ferrule, acc. to DIN 46 228/1, min. With wire end ferrule, DIN 46228 pt 4, min. With wire end ferrule, DIN 46228 pt 4, min. With surface data Rated current, min. No. pins (Tu=20°C) 32 A
L1 in inch
Electric shock protection to DIN VDE 0470 Safe from back-of-hand touch Insulating material
Electric shock protection to DIN VDE 0470 Safe from back-of-hand touch
Insulating material
Insulating material
Insulating material PA Oclour Orange Oclour Chart Similar to RAL 2000 Insulating material group I Flammability class UL 94 V-2 V-2 CTI
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 base material Copper alloy Contact surface tinned Storage temperature, min. -25 °C Storage temperature, max. 55 °C Connectable conductors Clamping range, min. 0.13 mm² Clamping range, min. 26 AWG, min. 26 AWG, min. 26 Solid, min. H05(07) V-U 0.5 mm² Solid, max. H05(07) V-U 6 mm² Stranded, max. H05(07) V-K 6 mm² Flexible, min. H05(07) V-K 0.5 mm² Flexible, min. H05(07) V-K 0.5 mm² With wire end ferrule, acc. to DIN 46 228/1, min. 0.5 mm² With wire end ferrule, acc. to DIN 46228 pt 4, min. 0.5 mm² W. plastic collar ferrule, DIN 46228 pt 4, min. 0.5 mm² Saled current, min. No. pins (Tu=20°C) 32 A Rated current, min. No. pins (Tu=20°C) 32 A Rated current, max. No. pins (Tu=20°C) 32 A Rated current, max. No. pins (Tu=20°C) 32 A Rated current, max. No. pins (Tu=20°C) 32 A
Similar to RAL 2000 Insulating material group I I I I I I I I I
Insulating material group
Flammability class UL 94 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, min25 °C Storage temperature, max. 55 °C Connectable conductors Clamping range, min. 0.13 mm² Clamping range, min. 26 AWG, min. 26 AWG, max. 12 Solid, min. H05(07) V-U 0.5 mm² Solid, max. H05(07) V-U 6 mm² Stranded, max. H07V-R 6 mm² Flexible, min. H05(07) V-K 0.5 mm² Flexible, min. H05(07) V-K 4 mm² With wire end ferrule, acc. to DIN 46 228/1, min. With wire end ferrule, DIN 46228 pt 4, min. W plastic collar ferrule, DIN 46228
CTI
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Rated voltage for overvoltage class/pollution 1,000 V
severity II/2
Rated voltage for overvoltage class/pollution 500 V
rated voltage for everyoltage blace/political



DIN IEC rating data	
Rated voltage for overvoltage class/pollution severity III/3	500 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	6 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 D)	300 V
Rated current (Use group D)	10 A
AWG conductor (field wiring), min.	26
AWG conductor (field wiring), max.	12
UL 1059 rating data	
Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A
AWG conductor, min.	26
AWG conductor, max.	12

Approvals

Approvals institutes





Downloads	
CAD Library (P-CAD Format - Standard)	LP.lib
Classifications	
ETIM 2.0	NK
ETIM 3.0	EC001284
eClass 4.1	NK
eClass 5.0	NK
eClass 5.1	NK



Similar products

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