



General ordering data

Order No.	1417000000
Part designation	RSV1,6 B18 GR
Version	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 18, 180°, Box
EAN	4008190007782
Qty.	25 pc(s).

System parameters

Conductor connection system	Crimp connection
Outgoing direction of conductor	180°
Pitch	5 mm
Pitch in inch	0.197 inch
No. of poles	18
No. of rows	2...4
Stripping length	4 mm
L1 in mm	25 mm
L1 in inch	0.984 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	Wemid (PA)
Colour	pebble grey
colour chart	Similar to RAL 7032
Insulating material group	I
Flammability class UL 94	V-0
CTI	>= 600
Contact base material	Copper alloy

Connectable conductors

Clamping range, min.	0.13 mm ²
Clamping range, max.	3.31 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²

Connectable conductors

Flexible, max. H05(07) V-K 2.5 mm²

DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	17 A
Rated current, max. No. pins (Tu=20°C)	13 A
Rated current, min. No. pins (Tu=40°C)	15 A
Rated current, max. No. pins (Tu=40°C)	11.5 A
Rated voltage for overvoltage class/pollution severity II/2	630 V
Rated voltage for overvoltage class/pollution severity III/2	400 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	3 x 1s with 120 A

CSA rating data

Rated voltage (Use group C)	600 V
Rated current (Use group C)	13 A
AWG conductor (field wiring), min.	26
AWG conductor (field wiring), max.	12

UL 1977 rating data

Rated voltage (UL 1977)	600 V
Rated current (UL 1977)	10 A
AWG-conductor, min. (UL 1977)	26
AWG-conductor, max. (UL 1977)	12

Approvals

Approvals institutes



Downloads

CAD Library (P-CAD Format - Standard) RSV1.6.LIB

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	27-26-07-01

Similar products

Order No.	Part designation	Version
1413000000	RSV1,6 B4 GR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1414000000	RSV1,6 B6 GR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1415000000	RSV1,6 B9 GR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1416000000	RSV1,6 B12 GR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1418000000	RSV1,6 B24 GR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 24, 180°, Box
1419000000	RSV1,6 B36 GR	PCB plug-in connector, Female connectors, Crimp connection, Clamping range, max.: 3.31 mm ² , Pitch: 5.00 mm, No. of poles: 36, 180°, Box