

Multiconductor line feed boxes

Product information



LB40/LB63

General:

Lines feed boxes are used for the connection of the feeder cable on any random point of the system. The feeder cable is connected to line feed clamps, kept in place by the line clamp holder that is partly slid over the 2 housing parts in which up to 7 line feed clamps can be fitted. The copper conductors will not be interrupted. Basis of all the line feed boxes is the modular collar that is fitted with push through holes to fit various glands M32 to M63 in size. For custom configurations, you can easily add glands by removing the pre-cut sections.

The line feed clamp holder (LCH or LH) connects 2 adjacent rail housings and holds the line feed clamps at the same time. The principle is a 90–120 mm Line feed clamp holder that slides over 2 housing parts. Then it is screwed on the sides. Line feed clamps are fitted, copper goes through the line feed clamps and is connected to a power cable. Cover comes over the collars and clicks into position.

Line feed boxes types LB:

Type LB40

Line feed box for connection of copper conductors up to 125A. With 1 gland M40 for cables Ø16-Ø28 mm.

Type LB63

Line feed box for connection of copper conductors up to 160A. With 1 gland M63 for cables Ø30-Ø44,5 mm.

Type LB32-4

Similar to LB6, but with 4 glands M32 for cables Ø10-Ø21 mm.

Type LB32-7

Similar to LB32-4, but with 7 glands M32 for cables Ø10-Ø21 mm.

Line feed clamp holders:

Type RN7-LCH

Applicable for line feed connections with continuous copper (all sizes), irrespective the number of poles. The required line feed clamps have to be ordered separately.

Type RNHS7-LCH

Similar to RN7-LCH, but with spacer strips for use with extra hand-safe housing RNHS7.

Type RN-LH

Applicable for line feed connections with continuous copper that require joints in the line feed (i.e. in multi curved systems, very long tracks etc.).

The RN-LH is composed of 2 halves that “click” together around the rail housing leaving the copper joints free. Includes bolts/nuts M6 for connections of conductors.

Description	outer diameter feeder cable mm	max temp. °C	max. copper conductors mounted	I max (80% D.C.) non-parallel(A)	protection degree without AS7	protection degree with AS7	I max (80% D.C.) parallel (A)
Line feed box 1xM40 LB40	16-28	80	4xCU125 / 7xCU80	125	IP23	IP44	-
Line feed box 1x M63 LB63	30-44	80	4xCU160 / 7xCU125	160	IP23	IP44	250
Line feed box 4xM32 LB32-4	4x 10-21	80	4xCU160	160	IP23	IP44	-
Line feed box 7xM32 LB32-7	7x 10-21	80	7xCU160	160	IP23	IP44	320
Line feed box LB	no glands	80	-	-	IP23	IP44	-
Line feed clamp holder RN7-LCH	-	80	-	-	-	-	-
Line feed clamp holder RNHS-LCH	-	80	-	-	-	-	-
Set line feed RN-LH	-	80	-	-	-	-	-

Blueprint

