Loop Driver Module LDM



Part-No.: 585343
Approval: EN 54-16

Loop driver module compatible with PAVA VARIODYN ONE system. It allows the connection and monitoring of loop-style speaker circuits. Predisposed to be installed on a DIN rail (C bar), One LDM per Loop is required. RS-485 protocol for interfacing to the INC control and signaling unit. Dimensions: 150 x 110 x 55 mm. Weight 700g

Features:

- Increased safety compared to spur cabling
- Fully redundant 100 V loop wiring system technology
- Extensive topologies are possible
- Silent monitoring of speaker loop
- EN 54-16 certified

Loop Driver Module

Power	24 V DC
Current	200 mA (short circuit peak current < 2 A)
RS 485 baud rate	19200 bps
RS 485 End of Line Resistor	120 Ω
Maximum amplifier input voltage	100 Vrms
Maximum amplifier input current	5 Arms
DC output voltage range	20 V DC ... 30 V DC
Maximum DC output current	300 mA
Dimension (W x H x D)	150 x 110 x 55 mm
Weight	700 g
Relative humidity	<95%, non condensing
Operation temperature	-5 °C ··· +55 °C
Storage temperature	-40 °C ··· +70 °C

Please consider that the amplifier 4XD125B (585030) and 4XD250B (585031) are not compatible with the loop technology!

Example of speaker loop connection by INC

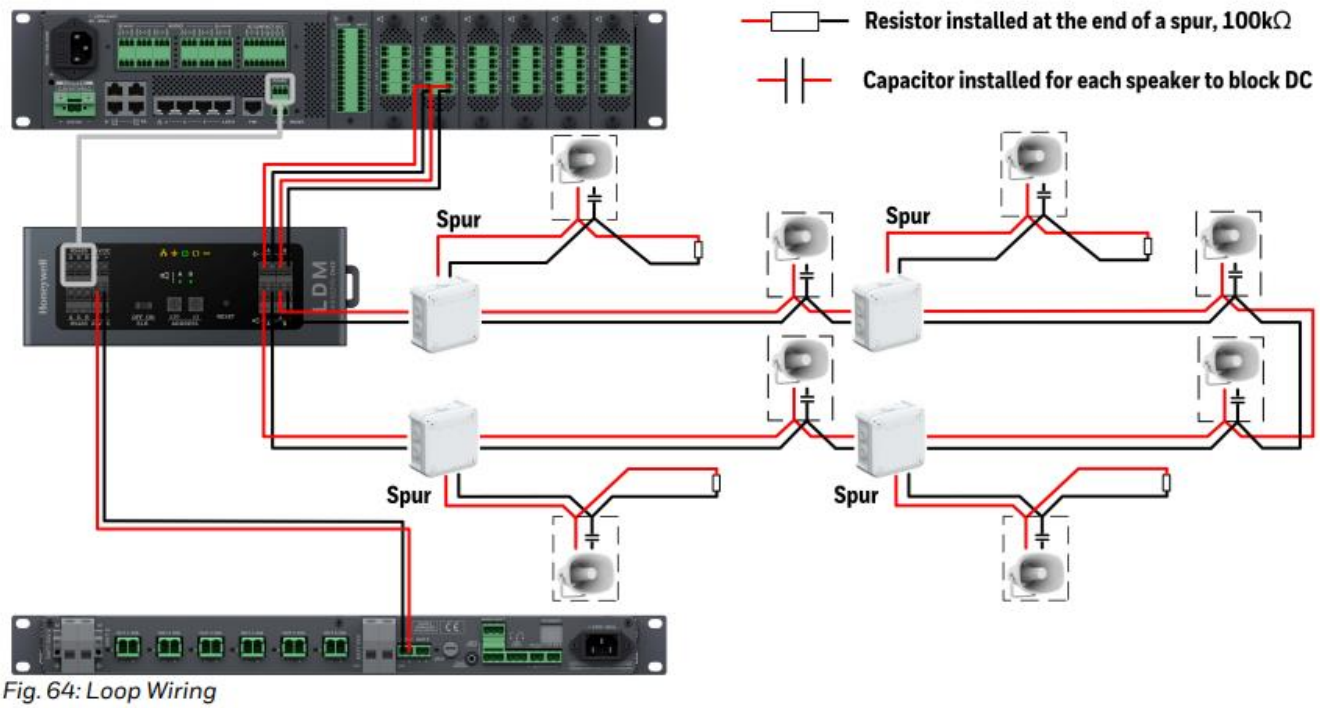


Fig. 64: Loop Wiring

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