

18 Power distribution

18.13 PDC-FTA24P

18.13 PDC-FTA24P

18.13.1 Power Distribution Cable (24Vdc)

The PDC- FTA24P power distribution cables transfer the 24Vdc from the PDB- 0824P power distribution board to individual 24Vdc devices inside the cabinet enclosure, such as fan units and FTAs.

(For details on the PDB-0824P power distribution board see “PDB-0824P”).)

Unlike the PDC-FTA24, the PDC-FTA24P includes screws for connection. Both can be used on the PDB- 0824 as well the PDB- 0824P. They are fully interchangeable because PDC- FTA24 is obsolete.

The PDC-FTA24P is equipped with a connector on the PDB-0824 side, and no connector on the device side.

The below figure shows the layout of the PDC-FTA24P power distribution cable.

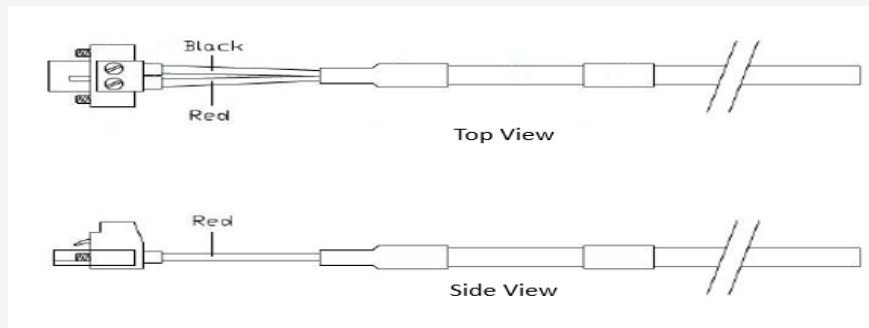


Figure 18-34: Layout of the PDC-FTA24P power distribution cable

Before connecting the PDC-FTA24P to the device, its wires must be cut to the required length and fitted with a suitable connector for the device. In the above figure:

- The red wire represents the +24Vdc.
- The black wire represents the 0Vdc.

18.13.2 Technical data

General	Type numbers:	FS-PDC-FTA24P
	Approvals:	UL, CSA; FM pending
Cable	Type:	2 x 1.31 mm ² (AWG 16) tri-rated
	Length:	2 m (78.74 in)
Connector	Housing type:	2 pole socket block Weidmuller BLZ 5.08/2F
	Crimp pin type:	Weidmuller DFFC 1.5-2.5 SN E