EYZ 484: Current-loop/DL converter

Current-loop converter: For maintaining the required transmission speed (max. 19200 baud with a line of 50 pF/m) over large distances to external peripherals. <u>Areas of use</u> (max. 4 km): For operating stations of EY2400-ProVi+; for EY2400-DA programs or printers that are remote from the data centre.
DL converter: For running a data-line network with up to 100 substations (200 nF/300 Ω).
<u>Areas of use</u>: For parameterising substations (islands) via DL (essential for EY2400-ecos/ecu).

Type	Description	Power	Weight kg
EYZ 484 F001	Current-loop/DL converter	230 V~	0,4

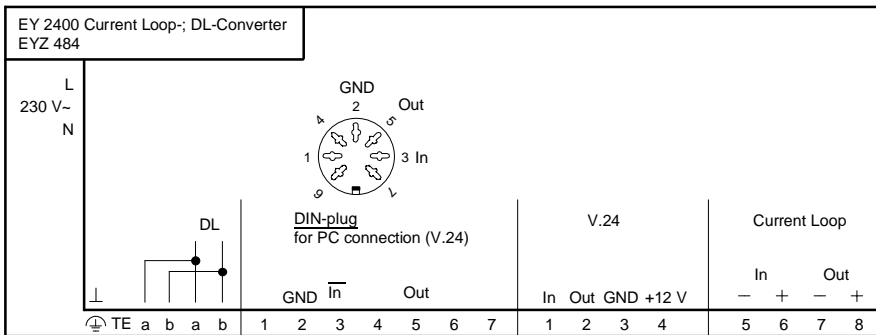|			
Power supply 230 V~	50/60 Hz	Perm. ambient temp.	0...45 °C
Power consumption	5 VA	Transport & storage temp.	–25...70 °C
V.24 distance	max. 15 m	Perm. humidity	10...90 %rh without condensation
EY2400 data line	max. 4 km	Degree of protection	IP 20
Current-loop distance	4 km	Wiring diagram	A02182
		Dimension drawing	M02181
Dimensions (H×W×T)	103 × 178,5 × 43	Fitting instructions	MV 505258

Engineering notes
Current-loop converter: If, due to the excessive length of the line (V.24 up to 10 m), the external peripheral equipment can no longer be operated at the desired transmission rate, then it is possible to extend the distance to 4 km by using two such current-loop/DL converters.
<u>Areas of use</u>: Remote operating station for EY2400-ProVi+; EY2400-DA programs or printers that are remote from the data centre
DL converter: This converter enables a data-line network (substation island with up to 100 SSs [200 nF/300 Ω]) to be operated from a V.24 interface.
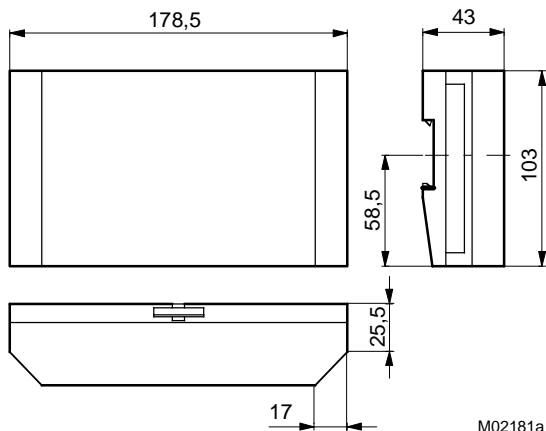<u>Area of use</u>: For setting the parameters of substations (islands) via DL (essential in the case of EY2400 *ecos/ecu*).

Wiring diagram

A02182

Dimension drawing

M02181a

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