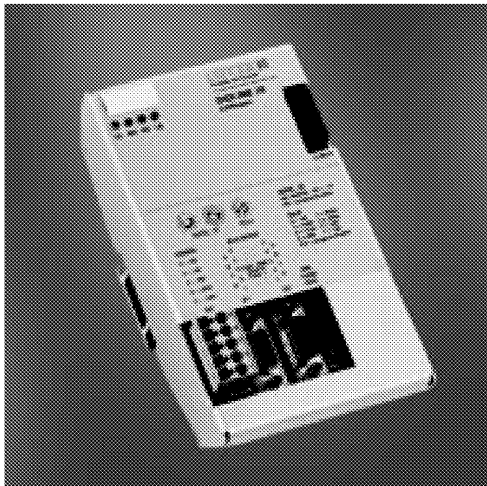


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DIOLINE 20 CANopen



Identification	Type	DL-CO-L LUETZE
	Part-No.	746409
Use/Area of application		
Description	CANopen compact station with local-bus expansion (max. 8 modules) for use on rail vehicles	
Bus interface		
Bus system	CANopen DS 301 and DS 401	
Module type	Slave I/O module	
Data capacity in process image	Dependent on connected I/O modules (local bus) max. 8 byte inputs / 8 byte outputs digital max. 24 byte inputs / 24 byte outputs analog	
Addressing	Node ID: 1-127 via rotary switch	
Transfer rate	10/20/50/125/250/500/800/1000 kBit/s	
Transmission medium	twisted two-wire line	
Connection type, incoming bus	X1: SUB-D socket connector, 9-pin fastening bolt M3	
Connection type, continuing bus	X2: SUB-D plug connector, 9-pin fastening bolt M3	
cut-in bus termination	120 Ω	
Electronic module supply		
Voltage range, incl. ripple	DC 16.8-30 V	
Ripple	max. 10 %	
Rated current (at U _N)	nom. 50 mA + local bus 1.6 A fusible link, in case of short circuit internal or local-bus interface	
Current consumption via local bus	max. 1 A	
External fuse	B2 to B16	
Connection	X3: cage clamp clamp-type terminal, 5-pin	
Diagnostics		
Diagnosis indications	Logic supply (UL), LED green Module status (MS), LED red/green Network status (NS), LED red/green Local-bus status (LB), LED red/green	

24.10.2008 – Subject to technical modification
Part-No. 746409

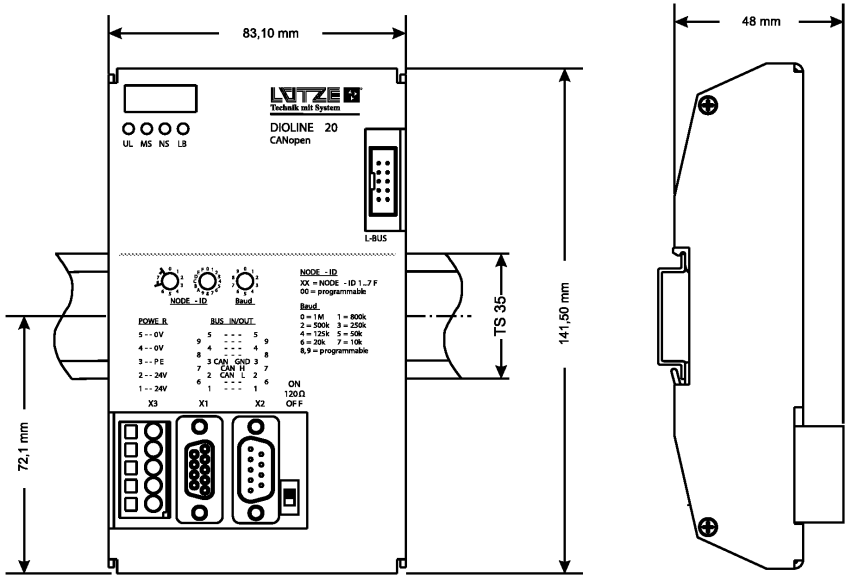
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DIOLINE 20 CANopen

Electrical isolation	
Isolating voltage	AC 500 V bus and electronics
Technical data	
Dimensions (w × h × d)	83.1×141.5×48.0 mm
Weight (kg/piece)	0.260 (kg/piece)
Protection class	IP 20
Field instalation	DIN rail mounting
Installation postition	As desired Installation space: top: 5 mm (for assembly) bottom: 5 mm (for assembly) side: 0 mm
Operating temperature	-40 °C to +70 °C (+85 °C for 10 min) corresponds to EN 50155 category Tx
Storage temperature range min/max	-40 °C to +85 °C
Standards	
Electronic installations on rail vehicles: EN 50155 electromagnetic compatibility: EN 50121-3-2 Insulation coordination : EN 50124-1 Shocks and vibrations: EN 61373	
Accessories	
Sub-D conversion kit M3 in UNC4/40 Lütze: 746840 Not included in scope of delivery	

Dimensions






24.10.2008 – Subject to technical modification
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01	DIOLINE 20 CANOPEN SAL. ANALOG.		1		LÜTZE 746409	0.260	
	DIOLINE 20 CANOPEN USC. ANALOG.						
MARCA	DESCRIPCIÓN	CANT.	CÓDIGO O NORMA	MATERIAL O REFERENCIA	PESO	DIMENSIONES	
MARCA	DESCRIZIONE	QUANT.	CÓDICE O NORMA	MATERIALE O REFERENZA	PESO (Kg)	DIMENSIONES (mm)	

LOCOMOTIVA E401				0.260	A2	BEASAIN	OT	Y	
A	Modificar cajetín.	2016-07-04	96411	ISO 2768-cK DIN ISO 13920-BF					
Ed.	Descripción	Date	Nome						
	Disegnato	06/05/2015	10221	DIOLINE 20 CANOPEN SAL. ANALOG.					
	Comprovato	06/05/2015	10988						
	Verificato	06/05/2015	14422						
		Date	Nome	DIOLINE 20 CANOPEN USC. ANALOG.					
		es/it							
	CONSTRUCCIONES Y AUXILIAR DE FERROCARRILES, S.A. BEASAIN (GIPUZKOA)				B . 20 . 88 . 321				A