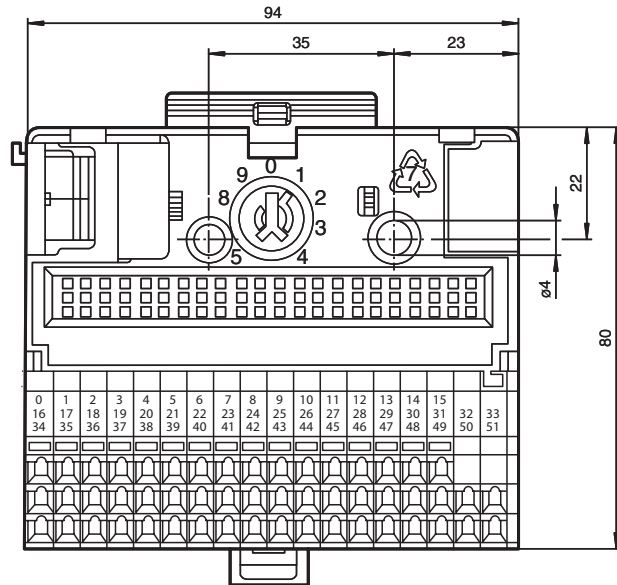CE   Ex

- Receptacle of the I/O modules
- Connection of the intrinsically safe field circuit
- Clamp terminals
- Mounting by clipping onto standard 35 mm rail to DIN EN 50022
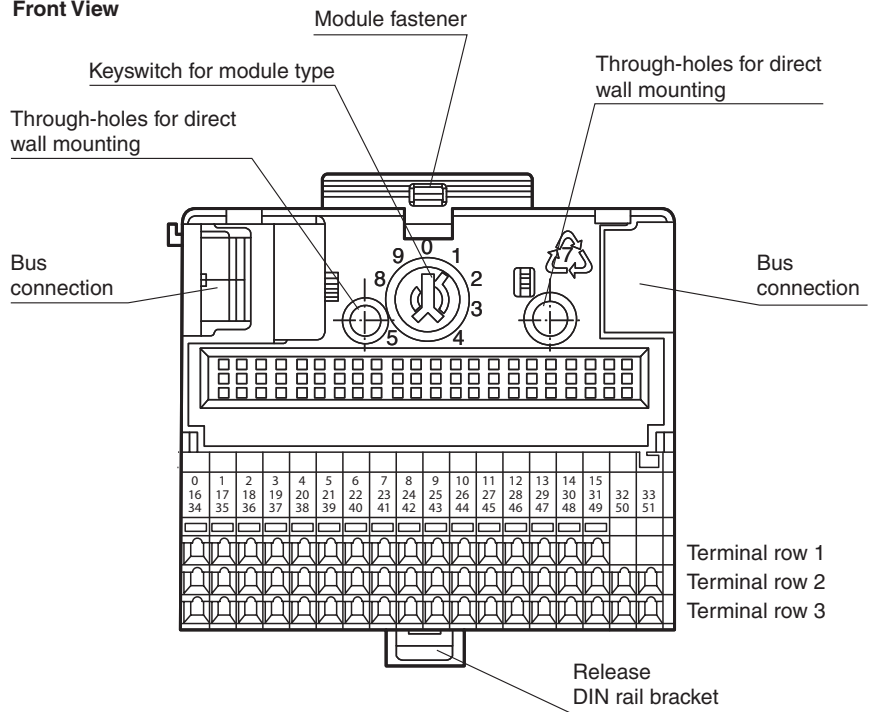- Direct wall-mounting option

Notes

- A module carrier is needed for each I/O module. The module carriers RS-TB-Ex.SC and RS-TB-Ex.SP can be combined with each other.
- The terminals 34 and 50 as well as the terminals 35 and 51 are internally connected, they serve for looping-through of the voltage supply to the neighboured module carriers.

Dimensions

Composition

Front View

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Release date 2009-12-09 15:51   Date of issue 2009-12-09   040542_ENG.xml

Supply	
Connection	clamp terminals 34, 50 V+; 35, 51 V-
Rated voltage	8.88 ... 9.5 V
Internal bus	
Connection	backplane bus
Interface	manufacturer specific bus
Directive conformity	
Electromagnetic compatibility	
Directive 89/336/EEC	see I/O modules
Explosion protection	
Directive 94/9/EC	EN 60079-0: 2006, EN 60079-11: 2007
Standard conformity	
Insulation coordination	EN 50178
Electrical isolation	EN 60079-11:2007
Protection degree	IEC 60529
Climatic conditions	DIN IEC 721
Ambient conditions	
Classification	3K3
Ambient temperature	-20 ... 70 °C (253 ... 343 K)
Storage temperature	-20 ... 100 °C (253 ... 373 K)
Relative humidity	95 % non-condensing
Shock resistance	15 g peak, 11 ms period
Vibration resistance	2 g , 10 ... 500 Hz according to IEC 60068-2-6
Damaging gas	acc. to ISA-S71.04-1985, severity level G3
Mechanical specifications	
Connection type	clamp terminals
Core cross-section	$\leq 2.5\ \text{mm}^2$
Housing	see I/O modules
Protection degree	IP20, for in-situ installation a separate housing is required with a minimum of IP54
Mass	approx. 175 g
Mounting	DIN rail mounting
Data for application in conjunction with hazardous areas	
EC-Type Examination Certificate	DMT 98 ATEX E 001 U , for additional certificates see www.pepperl-fuchs.com
Group, category, type of protection	⟨Ex⟩ II 2G EEx ia IIC II (1D)(2D)
Temperature class	T4
Input	see I/O modules
Output	see I/O modules
Internal bus	customer specific
Statement of conformity	
Group, category, type of protection, temperature classification	see I/O modules

Supplementary information

EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity and instructions have to be observed. For information see www.pepperl-fuchs.com.

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