

LUMINO®

Elektronische  
Informationssysteme

DATES & FACTS

Passenger Information Display

# TIS 56A



## DATES & FACTS

# Passenger Information Display TIS 56A

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The information stele fulfills all requirements to an optical and acoustical passenger information at a road side stop in a closed, in design and technical conversion perfect unit.

### HOUSING

Construction	steele in stainless steel
Surface	brushed stainless steel, option powder-coated in RAL
Screen	Security glass 6 mm with ceramic layer for optimal antireflection. Protection referring to DIN 18032/3
Architecture	Three functional areas with individual access (clock, display and communication)
Fastening	double fastening with locking device
Protection class	Splash water protected IP 54, no ventilation slots
Montage	block foundation with mounting base and cable entry point
Maintenance	no preventive maintenance required, one-man handling
Protection class	housing protection class I

### DISPLAY

Emitting colour	yellow / amber
Viewing angle	>140°
Architecture	double-sided or single-sided
LED pitch	5,6 x 4,2 mm
LED diameter	approx. 2,2 mm
Character height	40/50 mm (40 mm capital letters, 50 mm total by using 7/9 character set)
Readability	30 m guaranteed (referring to DIN 1450)
Operation temperature	-20° C up to +45° C
Brightness control	automatic, adjustable
Power supply	230 V / 50 Hz

### INTERFACES

Physical interface	RS 422/485, option local radio
Data protocol	MFI data procedure ( with 32-bit CRC security) LDP1, VDV-DS21

### FITTING OPTIONS

Analoque clock (LED backlit)
Digital clock
Announcement on request
Controller
Radio installation

### Available standard sizes\*\*

Zeilen	Zeichen pro Zeile*
	<b>23/27</b>
4	40 x 128
6	64 x 128
8	80 x 128
10	96 x 128
12	128 x 128
14	144 x 128
16	160 x 128

\*Specification by using proportional font

\*\*special font on request

Technical modifications are subject to change  
Extras on request

Updated: july 2008