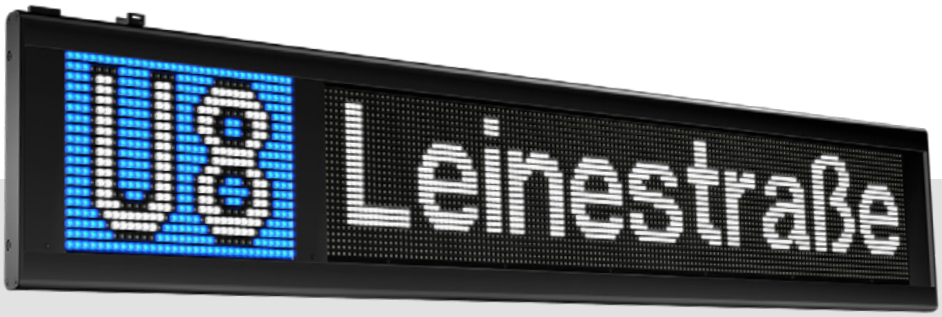
DESTINATION DISPLAY SPLIT

ON-BOARD PASSENGER INFORMATION SYSTEM



FEATURES

- Suited for internal and external SIGNS
- Very long lifetime
- Dynamic real-time indication of travel information

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Luminator's LED Displays offer high contrast solutions with a modular design approach to fulfil all kind of customer needs (dimensions, resolution, pitch size, color, combination). The LED displays offer various scroll options within one display as well as animations, picture presentation or dimming options. The powerful design offers enough resources to handle different content and the speed to serve also large displays in the right manner. The design is supporting long lifetime of the product to assure low maintenance and overall costs.

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TECHNICAL DATA

Line-number display	
Color Depth	White, Amber with RGB
Resolution	Up to 64 pixels
Pitch	Down to 4 mm
Presentation Modes	Image presentation; Scroll options for presentation of information dedicated for each LED module; Multi-zone support for each LED module; Dimming
Electrical properties	
Operating Voltage	Nominal Voltages: EN50155 :2017 - 110V; Other voltages available in option
Insulation and voltage withstand	Compliant to EN50155:2017: Voltage withstand 1000VAC or 1500VDC; Insulation: >20MΩ at 500VDC
Reverse polarity protection	Yes
Voltage interruptions Class	EN50155:2017 – Class S2
Supply changeover class	EN50155:2017 – Class C1
Inrush current	Limited to 5x the nominal current
Interfaces	
110 VDC In	3-pin male Phoenix Combicon
ID Input	1 x
Ethernet	2 M12 D-coded connectors (socket) for Ethernet 10/100Mbps: Connector 1 and 2: Integrated IP switch for two external ports with access to one internal Ethernet interface. Ethernet switch with bypass relay for Ethernet daisy chain support.
Mechanical properties	
Dimensions	Custom housing as small as possible
Environment	
Operating Temperature	Class OT4 as per EN50155 :2017, equivalent to Class TX as per 50125-1 :2014 inside a vehicle compartment: -40°C to +70°C
Storage Temperature	-40°C to +85°C.
Rapid Temperature Variation	EN50155:2017 Class H2
Ingress Protection	IP54
Shock and Vibration	Compliant to EN 61373 performance for Category 1 body mounted equipment. Class B. (complies to EN50155:2017)
Standards	
DIN EN 45545-2	Compliant (HL2)
DIN EN 50121-3-2	Compliant (2016)
DIN EN 50155	Compliant (2017)
NFPA130	Compliant

Disclaimer
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