

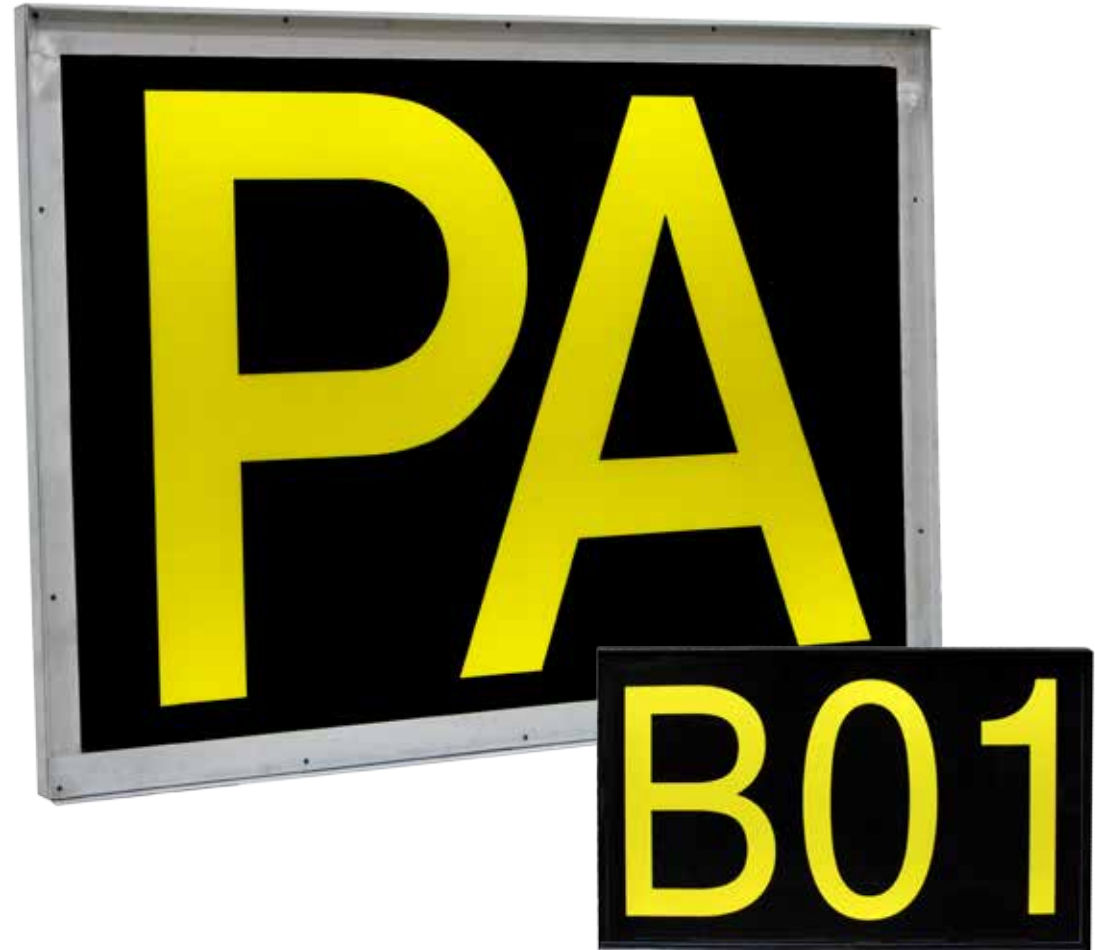
LED-IMS-650 LED Marking Sign

The PINTSCH ABEN LED marking sign of the type LED-IMS-650 is intended to use for the inverse close range marine marking of offshore wind turbine generators and substations.

It is designed for the operation in rough marine environments.

The LED technology combines low power consumption with long service life and guarantees long maintenance intervals. The LED marking sign fulfils the draft guideline "Richtlinie für die Gestaltung, Kennzeichnung und Betrieb von Windenergieanlagen, WSD Nord und Nordwest" released on 20 Mai 2009.

The marking sign can be designed in accordance with the requirements and the application i.E. in the quantity or colour of the required characters. The mounting brackets of the marking sign will be designed to customers specification.



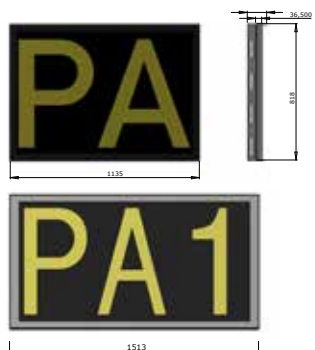
Application

Close range marine marking of offshore wind turbine generator in wind farms.

Sales International:

Julius Signal B.V.
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LED-IMS-650 LED Marking Sign



Standard version

- Operating life of the LED's up to 100,000 h
- Seawater resistant housing made from stainless steel
- Glass sheet made from UV-resistant and sturdy polycarbonate
- Termination via junction box
- Up to 3 characters per marking sign

Technical data

Operating voltage:	24 VDC
Power consumption / character:	0.9W @ 5 cd/m ² 1.3W @ 10 cd/m ² 1.9W @ 15 cd/m ²
Average Luminous density:	5, 10 or 15 cd/m ² , adjustable
Font:	Traffic font acc. to DIN 1451 part 2 medium
Font size:	650 mm
Operating temperature:	-25 °C up to +55 °C
Storage & Transport:	-40 °C up to +80 °C
Rel. humidity:	Max. 98%
Protection class:	IP67 (acc. to DIN EN 60529)
EMC:	DIN EN 60945, 2003-07
Material glass sheet:	Polycarbonate, shock-resistance
Housing:	Stainless steel, ANSI 316L
Dimensions (L x W x H):	L x 818 x 115 mm (L: depending on layout)
Mounting Bracket:	Customized

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