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MA 480 LED multiple indicator

Consistent implementation of customer requirements

The MA 480 LED multiple indicator rounds off Siemens' portfolio of light signals with maintenance-free LED light sources.

MA 480 LED multiple indicators are used for the purpose of signaling symbols. These symbols represent, for example, additional information such as permitted train speeds and route indications.

An MA 480 LED multiple indicator can display a maximum of four different symbols. A symbol can comprise up to 20 pixels and have yellow or white as its signal color. An LED indication module consisting of an LED bundle and an LED driver board is used for each symbol.

The readability and visibility of light signals are decisive factors for high-reliability and safe railway operations. Based on the stipulated clearance gage requirements and thanks to its design, the MA 480 LED indicator features a maximum indication surface, optimizing the readability distance.

Benefit

Optimum readability and visibility

Reduced maintenance work

Low operating costs

	Technical data	
	Housing dimensions (H x W x D) incl. bearing assembly	682 x 480 x 365 mm
	Weight of an MA 480 LED incl. bearing assembly	approx. 25 kg
	Nominal voltage of indication module day night	10.8 V AC 7.2 V AC
	Nominal current of indication module day	1.58 A
	night	1.26 A
	Nominal frequency	50 Hz (other frequencies possible subject to consultation)
	Signal light color (ex-works state, at 10.8 V AC and 20 °C ±5 K)	in line with DIN 6163
	Readability distance	180 m
	IP rating of indicator	IP54 in line with DIN VDE 0470, Part 1
	Number of symbols	max. 4
	Number of pixels per symbol	max. 20

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Printed in Germany PPG240 PA09142.0 Dispo 01000 Order No.: A19100-V100-B927-V1-7600 The information in this document contains general descriptions of the technical options available. The required features should therefore be specified in each individual case at the time of closing the contract. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action and integrate each component into a holistic, state-of-the-art security concept. Third-party products that may be in use should also be considered.

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