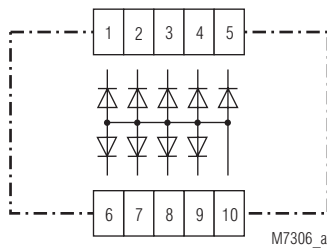
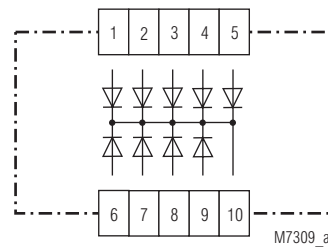


- For max. 19 signal lamps
- Width: 45 mm

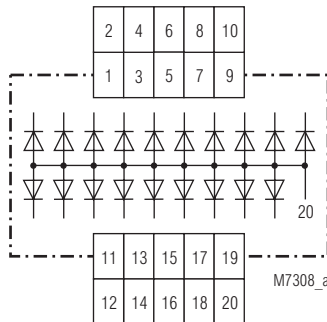
Circuit Diagrams



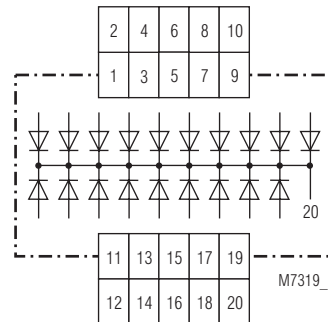
AI 990



AI 990.04



AI 990.10



AI 990.12

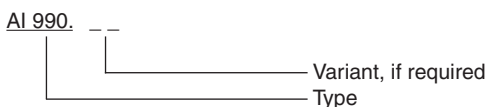
Standard Type

AI 990.10		
Article number:	0002065	Lagergerät
• for max. 19 signal lamps		
• Width:	45 mm	

Variants

AI 990:	max. 9 signal lamps with common anode
AI 990.04:	max. 9 signal lamps with common cathode
AI 990.12:	max. 19 Signal lamps with common cathode

Ordering example for variants



Approvals and Marking



Application

The lamp test device AI 990 includes a group of diodes with common anode. The diodes make sure that the different lamps do not influence each other. Because of this diode circuit the lamp only show half intensity when operated with AC voltage.

Technical Data

Output

Load per Signal lamp:	1 A
Periodic peak reverse voltage:	1 000 V
Peak impulse voltage:	1 200 V
Pulse voltage load dissipation:	1.6 kW at 10µs
Impulse current limit value:	50 A at 10 ms
Periodic peak voltage:	1 100 V

General Data

Nominal operating mode:	continuous operation
Temperature range:	- 20 ... + 60°C
Degree of protection:	
Housing:	IP 40 IEC/EN 60 529
Terminals:	IP 20 IEC/EN 60 529
Enclosure:	thermoplastic with VO behaviour according to UL Subjekt 94
Vibration resistance:	0.35 mm amplitude, frequency 10 ... 55 Hz, IEC/EN 60 068-2-6
Climate resistance:	20 / 060 / 04 IEC/EN 60 068-1
Terminal designation:	EN 50 005
Wire connection:	2 x 2.5 mm ² solid or 2 x 1.5 mm ² stranded wire with sleeve DIN 46 228/-1/-2/-3/-4
Wire fixing:	Flat terminals with self-lifting clamping piece IEC/EN 60 999-1
Mounting:	DIN-rail IEC/EN 60 715
Weight:	150 g

Dimensions

Width x height x depth:	45 x 77 x 127 mm
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