BRIEF INFORMATION

Ø 175 mm multi-function light in 12 V
2VA 012 497-...

→ Tail light, brake light and direction indicator with triangular or standard reflex reflector
→ Bulbs and LED hybrid version
→ ECE and SAE approvals
→ Variants for trailers and self-propelled machines
→ Simple conversion of bulb to LED for taillight/stop lamp function

PRODUCT FEATURES

Details / benefits:
→ Homogeneous appearance of the lamp and clearly structured light functions
→ Lower storage costs because the right and left lamps are identical
→ The LED module is available on the market as an individual spare part
→ Simple LED module upgrade far from the garage
→ LED hybrid version: Economically attractive use of LED technology for the permanent light function of the taillight and the stop lamp. This also promotes traffic safety because vehicles and trailers can be spotted more quickly and easily

Variants:
→ Different lens optics for SAE and ECE applications
→ Various active reflex reflector surfaces for trailers and self-propelled machines
→ Electrical connection via 6.3 mm flat receptacle or 4-pole AT Amphenol connector
TECHNICAL DETAILS

Technical Data | LED hybrid | Bulb
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Operating voltage | 12 V | 12 V
ECE type approval | E24 5888 | E24 5887
SAE type approval | THK 267 SAE AIST 14 DOT | THK 267 SAE AIST 14 DOT
Power consumption
Taillight | 0.25 W (6 LEDs) | 5 W
Stop lamp | 2.45 W (6 LEDs) | 21 W
Direction indicator | 21 W | 21 W
Specification | HN 67101 Class 7.2 Agro | |
Lamp dimensions | Ø 175 mm* 76.6 mm | |
Operating temperature | -40°C to +50°C | |
IP protection class
Lamp: IP 5K4K
LED module: IP 6K9K | |
Fixing | M6 stud bolts, hole spacing: 45 mm | |
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Contact assignment

6.3 mm flat receptacle

Mating connector: Amphenol AT06-4S alternatively: Deutsch connector DT06-4S

Direction indicator - Ground - Taillight - Stop lamp

Hole pattern

For 6.3 mm flat receptacle

Amphenol AT connector (4-pole AT04-4P)
 SIMPLE CONVERSION
from bulb to LED hybrid

In just 6 steps, you can take advantage of the benefits of LEDs for taillight and stop lamp functions:

**Basic lamp:** All light functions make use of conventional bulbs

**Step 1:** Remove the lens by loosening the fastening screws

**Step 2:** Remove the colored partition

**Step 3:** Loosen the flat receptacles from the contacts and remove the bulb together with the bulb holder

**Step 4:** Connect the LED module and flat receptacles. Please observe the correct pin assignment and sequence:
- Black = taillight
- Red = stop lamp
- White = ground

**Step 5:** First, reinsert the colored partition and then fasten the LED module using 2 screws

**Step 6** (not illustrated): Reattach the lens
**RANGE OVERVIEW**

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<th>2VA 012 497</th>
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<td>6.3 mm flat receptacle (cable length: 800 mm)</td>
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<td>4-pole Amphenol AT connector (cable length: 250 mm)</td>
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**Accessories:**

9DW 209 487-001 LED module for taillight/stop lamp including screws for converting bulbs lamps

**Spare parts:**

9EL 209 476-001 Lens with ECE triangular reflex reflector including screws

9EL 209 476-011 Lens with ECE standard reflex reflector including screws

9EL 209 476-041 Lens with SAE standard reflex reflector including screws

8GD 002 078-121 P21 / 5 W, 12 V bulb for taillight/stop lamp

8GA 002 073-121 P21 W, 12 V bulb for direction indicator