

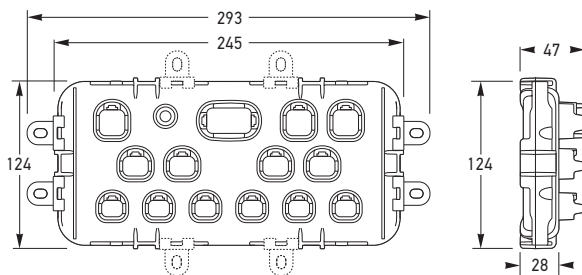


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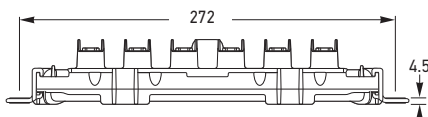
NEW RELEASE



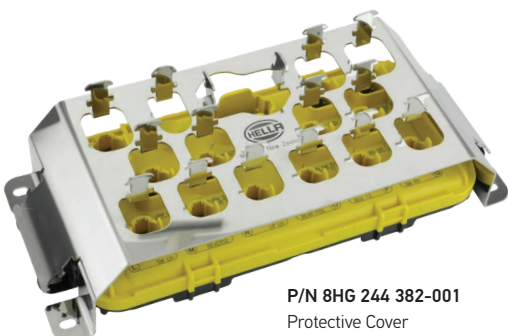
P/N 8JE 233 496-001
LED Lamp Distribution Box



Alternative mounting points



All dimensions in mm



P/N 8HG 244 382-001
Protective Cover
(Distribution Box not included)

LED LAMP DISTRIBUTION BOX

Looking for a simple and reliable way to connect lighting to your trailer harness? HELLA's revolutionary LED Lamp Distribution Box is the quick connect, easy trouble shooting solution for fitting LED lamps to heavy trailers and custom vehicles.

The LED Lamp Distribution Box is designed with integrated Deutsch DT connector sockets that provide easy and reliable lamp connection. Internal electronics isolate individual circuits and reduce lamp outage to ensure a long life and reliable lamp operation. A completely sealed housing and durable materials provide protection against water, dust and high pressure/steam jet cleaning.



Part Number	8JE 233 496-001				
Housing material	ASA Plastic				
Mounting	Horizontal or Vertical, Surface mount (4x mounting clips provided)				
Plug Connections	Deutsch DT Plugs (not provided)				
Voltage	Multivolt™ suitable for 12 and 24 volt systems				
Current per output pin	Temp (°C)	20	25	40	50
	Max Output (A)	1.85	1.74	1.53	1.37
Maximum Input	13A (Total system)				
Operating Temp	-40° to 50° Celsius				
Protection	IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high pressure/steam jet cleaning)				
Accessory	8HG 244 382-001		Protective Cover		
Applications	Truck, trailers or special purpose vehicles				



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PRODUCT BENEFITS



Simple Installation and Quick Connectivity

Utilising industry standard Deutsch Connector Plugs, lamps can be quickly and easily connected to the LED Lamp Distribution Box. Versatile mounting clips can be placed in multiple positions to offer various mounting points.



Completely Sealed – Non-serviceable

The IP6K9K rated housing prevents any moisture, dust or other contaminants from affecting internal electronics. Because there are no serviceable parts or need to open the Distribution Box you can avoid potential damage to other circuits when replacing lamps.



Faults Isolated to Single Circuit

Each output circuit is individually protected meaning should you have a fault it will not cause a malfunction with other lamps. This facilitates fast fault finding by narrowing down the single circuit. This means faster repair times and less down time for the vehicle.

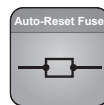


Reduced Installation and Service Costs

Because the unit is designed for quick and simple connectivity, costs are reduced and the installation can be done in a short time frame.

Conventional junction boxes can be complicated and prone to faults when opened and serviced. When a fault occurs multiple lamps and circuits can be affected, resulting in a vehicle not being safe to operate. With the new HELLA LED Distribution Box, should a fault occur on a particular circuit, it will be isolated – meaning faster fault finding and repair, therefore the vehicle can be back up and operational in a much faster time frame.

The costs of servicing the innovative LED Distribution Box can be minimal when you consider how costs can quickly mount. A call out after hours can cause labour costs which quickly accumulate. Possibly the largest cost of all is the vehicle not being operational and the roll-on effect this can have for driver hours and delivery deadlines.



Auto-Reset Fuse Protection

Should a fault occur; internal thermal fuse protection will isolate the fault to that single circuit. To reset the internal fuse simply remove power for a few seconds and the fuse will reset once cooled. After the fault is repaired and power reapplied the circuit will reset and be operational again.

LED LAMP DISTRIBUTION BOX

- Quick connectivity
- Easy trouble shooting
- Suitable for trucks, heavy trailers and special purpose vehicles

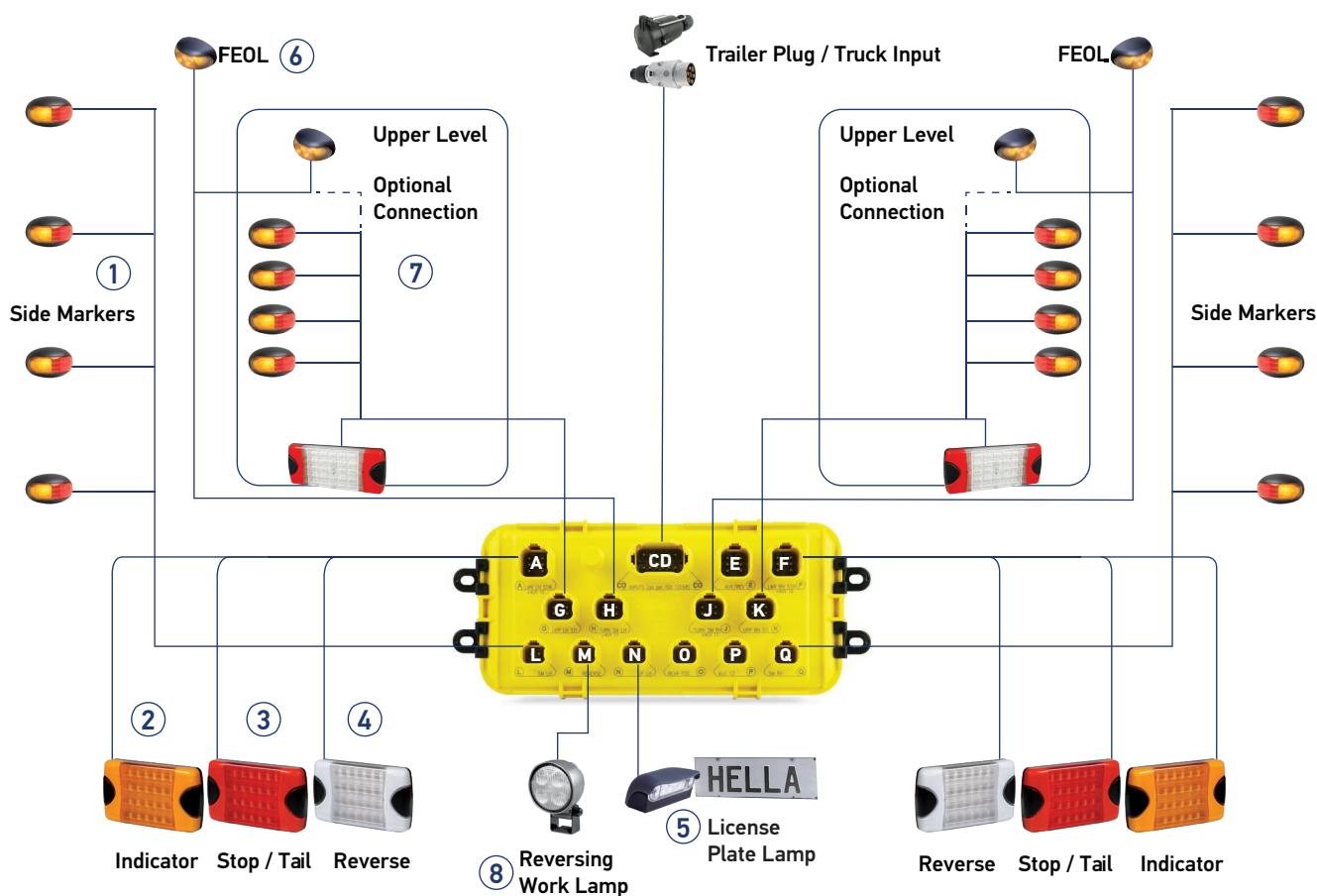




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PRODUCT SUITABILITY

Designed for low voltage LED lamps, the LED Lamp Distribution Box has circuits that are individually protected to 1.3A each (@ 50° C). This diagram shows a suggested lighting configuration for a commercial trailer with a LED Lamp Distribution Box.



Position	Function	Output Socket	Max Power Consumption		Suggested LED Lamp Part Numbers
			12V	24V	
①	Side Markers	L/Q	15W	30W	30 x 2053 / 2083
②	Rear Indicator	A/F	15W	30W	2 x 2151-H / 2378
③	Stop/Tail	A/F	15W	30W	2 x 2330-H / 2378
④	Reverse	A/F	15W	30W	2 x 1430-H
⑤	License Plate	N	15W	30W	2 x 2559
⑥	Front End Outline	H/J	15W	30W	2 x 2060 / 2051
⑦	Stop/Tail/Indicator	G/K	15W	30W	1 x 2378 + 20 x 2053 / 2083
⑧	Reversing Work Lamp	M	15W	30W	1 x 1551-RE / 1547-RE
TOTAL POSSIBLE FOR SYSTEM			156W or 13A	312W or 13A	



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PARTS & ACCESSORIES

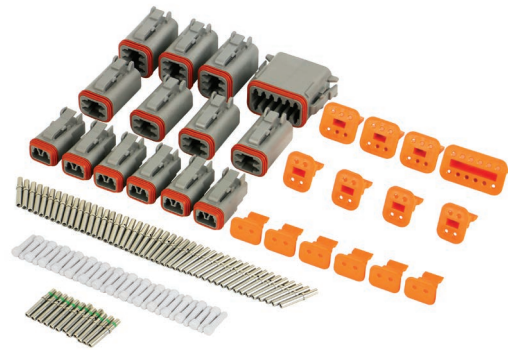
DEUTSCH DT series connectors are ideal for automotive and industrial applications needing a high quality connection and reliable performance. DT connectors are designed to withstand extreme environmental and industrial conditions with their silicone seals and thermoplastic housings.



Heat Shrink Compatible DT Connector Kit

This kit contains DT connectors with a lip that allows the heat shrink to overlap the connector. This kit is supplied with the correct number of plugs and pins to suit the LED Lamp Distribution Box.

Part	Part Number
Heat Shrink DT Connector Kit	8KW 959 774-861



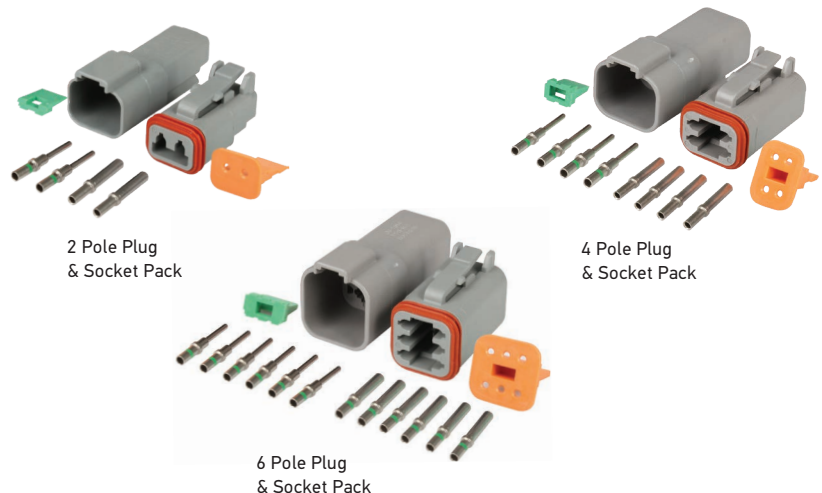
Standard DT Connector Kit

This connector kit is supplied with the correct number of plugs and pins to suit the LED Lamp Distribution Box. Not suitable for heat shrink.

Part	Part Number
DT Connector Kit	8KW 959 774-851

Plug & Socket Packs

Part	Part Number	
2 Pole Plug and Socket	4960	
2 Pole Plug	4960MF	PACK OF 10
2 Pin Plug Kit	4960-P	
4 Pole Plug and Socket	4962	
6 Pole Plug and Socket	4963	
6 Pin Plug Kit	4963-P	
12 Pole Plug and Socket	4965	



Stainless Steel Protective Cover

Protect your LED Lamp Distribution Box from impact and prevent cables being accidentally pulled out with this stainless steel cover.

Part	Part Number
Protective Cover	8HG 244 382-001

