

Multi-channel LED driver with integrated single LED monitoring for detection of defective LED in case of short-circuit or open circuit. Continuous monitoring of LED luminaires during maintained operation. Free configuration of each luminaire according to the requested operation mode in maintained, non-maintained or switched-maintained operation without the need of an additional data line. Freely programmable switching assignments for up to 9 inputs per LED output without separate bus line via the controller unit of the system. Each LED output can be individually switched or dimmed as well as programmed for a flashing function. Each luminaire is switchable and dimmable via the control unit of the system. Including timer function to switch off or dim luminaires in battery mode to reduce the required lighting level (acc. to EN 12193) or in buildings with different rated duration times. Addressing with fixed ID without requirement of manual adjustment. High function safety due to the compliance of international standards for safety and functioning, electromagnetic compatibility and interference resistance. LED driver with active power factor correction (PFC) to reduce reactive power in mains operation. For connection to FUSION central battery- or emergency power (NEA) systems.
Replaceable power supply unit for easier maintenance and servicing.

Technical details

Material	polycarbonate
Permitted temperature range	-15...+40 °C
Nominal voltage DC	176 - 264 V
Nominal voltage AC	230V AC/DC ±10% 50/60 Hz
Input terminal	max. 2.5 mm² single-core or max. 1.5mm² multi-core with ferrule

FLDD 230/8 - CC -125 - 300-C
Art. no.: 100903844

Output current	300 mA
Type of current	constant current
max connection capacity	8 W
Dim.	Length x Width x Height: 90 mm x 40 mm x 29 mm