

**EM BASIC, 230 – 240 V 50/60 Hz**

BASIC version

**Product description**

- \_ Emergency lighting supply unit for manual testing
- \_ For linear and compact fluorescent lamps
- \_ Small dimensions (28 x 39 mm cross-section)

**Properties**

- \_ 1 or 3 h rated duration
- \_ Compatible with all electronic ballasts (dimnable and non-dimnable)
- \_ Can also be used in combination with conventional magnetic ballasts
- \_ 5-pole technology: 4-pole lamp changeover and delayed power switching for the ballast
- \_ Optimised AC output voltage for TC-DD and TC-L lamps
- \_ Optimised DC output voltage for T8 lamps
- \_ Cathode heating adapted for compact lamps
- \_ Switchover relay with high-current contacts
- \_ IDC (insulation displacement connection)
- \_ Green charge status display LED
- \_ Checking the emergency lighting function by interrupting the unswitched phase
- \_ Optional test switch
- \_ Deep discharge protection
- \_ Battery connection, short-circuit protected (not reversible)
- \_ Polarity reversal protection for battery

**Batteries**

- \_ High-temperature cells
- \_ NiCd batteries
- \_ D, Cs or 7/5 Cs cells
- \_ Blade terminals for simple connection

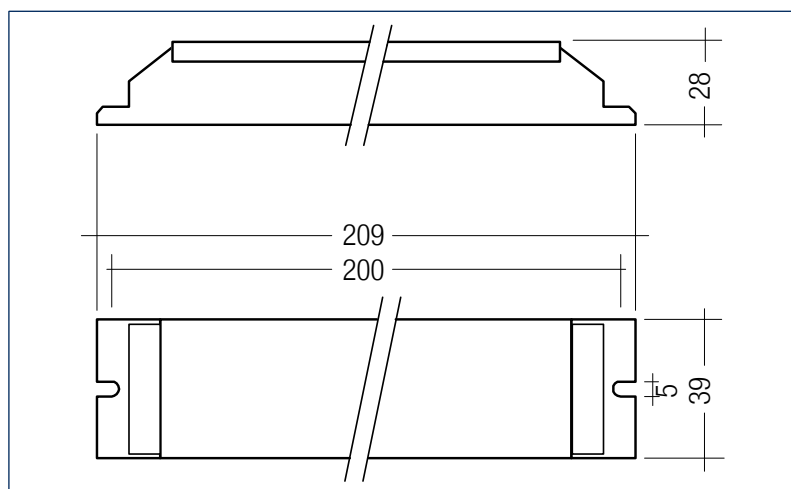
**Website**

<http://www.tridonic.com/89818662>



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**Ordering data**

Type	Article number	Number of cells	Packaging, carton	Packaging, pallet	Weight per pc.
<b>Rated operating time 3 h</b>					
EM 34B BASIC	89818662	4	25 pc(s).	750 pc(s).	0.324 kg

**Technical data**

Rated supply voltage	230 – 240 V
Mains frequency	50 / 60 Hz
Mains current	0.04 A
Rated power	7 W
Battery charging time	24 h
Discharge current 1 h Cs cells	1.1 A
Discharge current 1 h D cells	2.25 A
Discharge current 3 h	1.1 A
Charge current Cs cells	120 mA
Charge current D cells	210 mA
Leakage current (PE)	0.5 mA
Ambient temperature $t_a$	0 ... +50 °C
Max. casing temperature $t_c$	75 °C
Mains voltage changeover threshold	according to EN 60598-2-22
Min. lamp starting temperature (emergency mode)	–
Type of protection	IP20
Protection class	I

**Approval marks****Standards**

Acc. to EN 50172, Acc. to EN 60598-2-22, EN 61347-2-7, EN 60929, EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547, EN 60068-2-29, EN 60068-2-30, EN 60068-2-64

The complete data sheet for this product is available in the Downloads section.