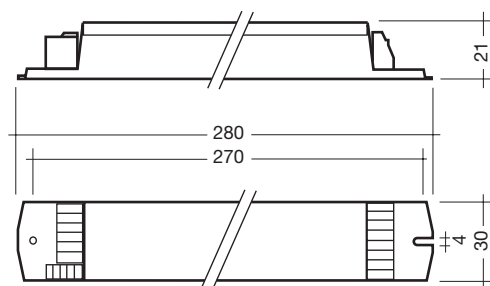


EM PRO EZ 220–240 V 50/60 Hz



Description:

Low profile emergency lighting modules with DALI interface and automatic testing facility to cover 1 hour and 3 hour duration operating from NiCd and NiMh batteries. All modules incorporate five pole technology for use with HF ballasts and have preheat starting and permanent cathode heating during the emergency operation. Boost starting for 55 seconds at higher power levels is provided for all lamps to ensure rapid warm up, optimised lamp life and improved initial visibility during an emergency operation. Power control technology ensures maximum emergency ballast lumen factors for all lamps on a given module.

DALI interface terminals are provided to allow control and monitoring via a separate controller.

When the EM PRO EZ operates in Selftest mode testing is being conducted on a default weekly functional and 13 weeks duration basis with adaptive duration testing feature to minimise risk.

Fitted with the unique EZ easy addressing feature which uses the LED to indicate the DALI address during commissioning.

Features:

Module

- DALI interface for control and reporting
- Low profile cross section (21 mm x 30 mm)
- 5 pole technology
- For use with HF ballasts
- NiCd or NiMh battery options
- 10–15 hour accu recharge time
- 3 hour and 1 hour operation
- High and standard BLF for 1 hour versions
- Bi-colour LED to indicate status
- AC operation of lamps
- Pre-heating of cathodes during emergency operation
- Permanent cathode heating during emergency operation
- Boost starting facility for all lamps
- Rest mode function
- Electronic multilevel charging system
- Deep discharge protection
- Testing
 - Battery condition
 - Lamp condition
 - Charge condition
- Patented EZ easy addressing feature using LED

Batteries

- NiCd or NiMh options
- D or Cs cells
- High temperature cells
- Spade terminals for easy connection

Standards

- EN 55015
- EN 601347-2-7
- EN 60925
- IEC 62034
- Allows compliance with EN 60598-2-22
- DALI standard EN 62386-102
- EN 62386-202
- EN 61000-3-2
- EN 61547
- IEC 60068-2-64
- IEC 60068-2-29
- IEC 60068-2-30

EM PRO EZ 3 h duration – NiCd 4.0 Ah D cells or NiMh 4.0 Ah Cs cells

type	article number	number of cells
EM 34 PRO EZ	89899827	4
EM 35 PRO EZ	89899828	5
EM 36 PRO EZ	89899829	6

EM PRO EZ 1 h duration standard BLF – NiCd 1.5 Ah or NiMh 2.0 Ah Cs cells

type	article number	number of cells
EM 14 PRO EZ	89899830	4
EM 15 PRO EZ	89899831	5
EM 16 PRO EZ	89899832	6

EM PRO HO EZ 1 h duration “high output” – NiCd 4.0 Ah D cells or NiMh 4.0 Ah Cs cells

type	article number	number of cells
EM 14 HO PRO EZ	89899833	4
EM 15 HO PRO EZ	89899834	5
EM 16 HO PRO EZ	89899835	6

NiCd 1.5 Ah Cs cells	type	number of cells	article number
Accu-NiCd C 4A	stick	4	89899692
Accu-NiCd C 4B *	side by side	4	89899693
Accu-NiCd C 4C *	stick + stick	2 + 2	89899694
Accu-NiCd C 5A	stick	5	89899695
Accu-NiCd C 5B *	side by side	5	89899696
Accu-NiCd C 5C *	stick + stick	3 + 2	89899697
Accu-NiCd C 6A	stick	6	89899698
Accu-NiCd C 6C	stick + stick	3 + 3	89899699

NiMh 2.0 Ah Cs cells	type	number of cells	article number
Accu-NiMh C 4A	stick	4	89899700
Accu-NiMh C 5A	stick	5	89899703
Accu-NiMh C 5B *	side by side	5	89899704
Accu-NiMh C 6A	stick	6	89899706
Accu-NiMh C 6C	stick + stick	3 + 3	89899707

NiCd 4.0 Ah D cells	type	number of cells	article number
Accu-NiCd 4A	stick	4	89895961
Accu-NiCd 4B	side by side	4	89895977
Accu-NiCd 4C	stick + stick	2 + 2	89895978
Accu-NiCd 5A	stick	5	89895973
Accu-NiCd 5B	stick + stick	3 + 2	89895962
Accu-NiCd 6A	stick + stick	3 + 3	89895963

NiMh 4.0 Ah Cs cells	type	number of cells	article number
Accu-NiMh C 4A	stick	4	89899850
Accu-NiMh C 5A	stick	5	89899851
Accu-NiMh C 6A	stick	6	89899852
Accu-NiMh C 6C	stick + stick	3 + 3	89899853

* on request

type	article number
LED bi-colour	89899720
LED bi-colour high brightness	89899753
type	article number
Test switch EM 2	89805277