Emergency Lighting Modules 6 to 80 W with Self-Diagnosis Function

EMXs – Emergency lighting modules

Type	**Ref. No. Module**	**Ref. No. Battery**	Nominal operating period hrs.	Rechargeable battery type	Dimensions LxD (Ø) of battery mm	Test function	Weight module g	Weight battery g
EMXs 180.000	**188792**	**188823**	1	4.8V 1.8Ah NiCd	1 / 190 x 23	automatic	160	200
EMXs 180.001	**188793**	**188824**	3	4.8V 4.5Ah NiCd	1 / 240 x 33	automatic	160	490
EMXs 180.002	**188794**	**188825**	1	4.8V 1.8Ah NiMH	1 / 200 x 17	automatic	160	140
EMXs 180.003	**188795**	**188826**	3	4.8V 4.5Ah NiMH	2 / 450 x 19	automatic	160	320

Circuit diagrams see page 336–338

Holders for Rechargeable Batteries for Emergency Lighting Modules

Material: PC (188828: PBT)
Type: Rechargeable Battery Holder

Ref. No.	For rechargeable battery type	Dimensions (mm) a	b	c	d	e	f
188827	4.8V 1.8Ah NiCd	35.0	18.0	26.3	26.7	13.0	5.5
188828	4.8V 4.5Ah NiCd	39.0	23.2	36.2	37.3	12.4	6.0
188829	4.8V 1.8Ah NiMH	22.5	15.0	22.8	22.5	8.0	4.0
188829	4.8V 4.5Ah NiMH	22.5	15.0	22.8	22.5	8.0	4.0

It is recommended to use two holders per rechargeable battery to ensure optimum hold.

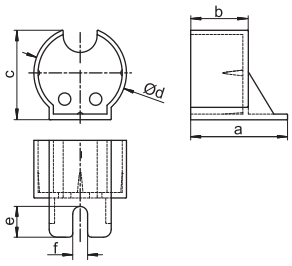

Table of suitable lamp types

Lamp type	Lamp nominal output W
T8	15, 18, 32, 36, 58, 70
T5 HE	14, 21, 28, 35
T5 HO	24, 39, 49, 54, 80
T5	6, 8, 13
T-R5 (T-R16)	22, 40, 55, 60
T-R (T29-R)	22, 32, 40
TC-L/TC-F	18, 24, 36, 40, 55, 80
TC-DEL	10, 13, 18, 26
TC-TEL	13, 18, 26, 32, 42, 57, 70
TC-SEL	7, 9, 11
TC-DD (2D)	10, 16, 21, 28, 38, 55

Luminous flux factor of lamps during emergency operation

Lamp nominal output W	Luminous flux factor* %
6	43.0
8	32.0
18	13.0
28	9.0
32	7.0
35	7.0
36	7.0
49	4.7
54	4.3
55	4.7
58	5.2
70	4.3
80	3.7

* Theoretically defined reference values at 25 °C ambient temperature