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INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

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IEC 60086-5
Edition 5.0 2021-09

PRIMARY BATTERIES

Part 5: Safety of batteries with aqueous electrolyte

IEC 60086-5
Édition 5.0 2021-09

PILES ELECTRIQUES

Partie 5: Sécurité des piles à électrolyte aqueux

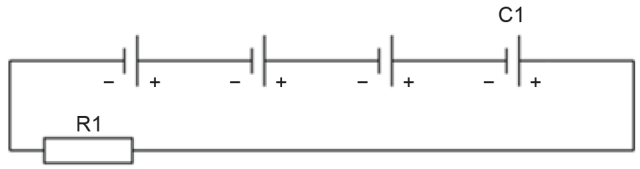
CORRIGENDUM 1

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

Figure 5 – Circuit diagram of overdischarge

Replace existing Figure 5 by the following new figure:



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IEC 60086-5:2021-09/COR1:2022-06(en-fr)

Table 7 – Marking and packaging requirements

Replace existing Table 7 by the following new table:

List item	General batteries	Swallowable button cells					
		d < 16 mm		16 mm ≤ d < 20 mm		d ≥ 20 mm	
Electrochemical system		**P**	**L, S**	**P**	**L, S**	**P**	**L, S**
a) Designation, IEC or common	B	C	B	C	B	C	B
b) Expiration of a recommended usage period or year and month or week of manufacture. The year and month or week of manufacture may be in code	B						
c) Polarity of the positive (+) terminal	B	D	B	D	B	D	B
d) Nominal voltage	B						
e) Name or trademark of the manufacturer or supplier	B						
f) Cautionary advice	B						
g) Caution for ingestion of swallowable batteries, see also 7.1 c) and Annex D		P[a,b]	P[a,b]	P[a,b]	P[a,b]	P[a,b]	B[a,b] + P[a,b]
h) Child resistant packaging	NR	NR	NR	NR	R[a,b]	NR	R[a,b]

Key

d: Diameter

B: Marking required on cell/battery

C: Marking required on battery, sealing tab or immediate packaging

D: Marking required on sealing tab and/or the battery

P: Marking required on immediate packaging

R: Child resistant packaging

NR: Not required

empty cell: Marking may appear on cell/battery and/or immediate packaging

[a] See Foreword for transition period.

[b] When batteries are intended for direct sale in consumer replaceable applications.

B.2.2 Other important factors to consider

Replace the existing text of B.2.2 d) by the following new text:

The battery compartment should be designed such that it accommodates the increase in battery height in accordance with IEC 60086-1:2021, Clause 4.2.2.

Figure B.5 – Design with respect to battery orientation

Replace the existing text of NOTE 3 of Figure B.5 by the following new text:

The arrangement in Figure B.5 b) is only considered practical for R14 and R20 size batteries due to the small negative terminal area (dimension d6 of the relevant specification) of the other sizes.