

DIN EN ISO 13297:2025-04 (E)

Small craft - Electrical systems - Alternating and direct current installations (ISO 13297:2020 + Amd 1:2022) (includes Amendment :2022)

Contents	Page
European foreword	4
A1 European foreword to Amendment 1 A1	5
A11 European foreword to Amendment 11 A11	6
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of Directive 2013/53/EU aimed to be covered	7
Foreword	9
A1 Foreword to Amendment 1 A1	10
1 Scope	11
2 Normative references	11
3 Terms and definitions	11
4 General requirements, DC and AC systems	15
5 General requirements, DC systems	16
6 General requirements, AC systems	17
7 Marking, AC systems	18
8 Batteries, DC systems	19
9 Battery-disconnect switch, DC systems	21
10 Power source options, AC systems	21
11 Inverters and inverter/chargers, AC systems	22
12 Overcurrent protection, DC systems	23
13 Overcurrent protection, AC systems	24
13.1 General	24
13.2 Supply circuits	24
13.3 Branch circuits	24
14 Ground-fault protection/earth-leakage protection, AC systems	25
15 Panel boards (switchboards), DC and AC systems	25
16 Panel boards (switchboards), AC systems	25
17 Conductors, DC and AC systems	25
18 Conductors, DC systems	26
19 Conductors, AC systems	26
20 System wiring, DC and AC systems	27
21 System wiring, DC systems	29
22 Socket outlets, DC systems	29
23 Socket outlets, AC systems	29
24 Appliances and equipment, AC systems	29

25	Ignition protection, DC and AC systems	30
26	Owner's manual	30
	Annex A (normative) Conductor requirements	31
	Annex B (normative) Instructions to be included with owner's manual	33
	Annex C (informative) Recommended system tests	34
	Annex D (informative) Typical AC system diagrams	35
	Annex E (informative) Overcurrent protection location options	42
	Bibliography	44