Consumer unit terminal torque — quick card

Figures in Nm, copied from one current manufacturer document per brand. Checked 20 Nov 2026. Not exhaustive: not every brand, range or version is listed, and other ranges and newer issues may differ.

Brand range / document used	E & N bars Nm	Main switch Nm	MCB Nm	RCBO Nm	RCD / RCCB Nm	AFDD Nm	SPD Nm
BG (Luceco)[1] Fortress SPCDOC sheets 2025–26	–	2.5	2	L 2 / N-PE 1.2	2.5	–	–
Chint NB1-63H/2 MCB product page (GB)	–	–	2.5	–	–	–	–
Click Elucian[2] Elucian device spec sheets (2025)	–	–	2	in 2 / out 1.2	–	in 2 / out 1.2	–
Contactum[3] Defender CU brochure 2026 V7	1.5 terminal unnamed	–	2	2	–	2	–
Crabtree (Electrium) Starbreaker cat. B2600b (04/22)	–	–	2.3 min / 3.0 max	1.2 min / 2.0 max	–	1.2 min / 2.0 max	–
Eaton / MEM[4] Memshield 3 (LT1180, LT1184)	M4 1.2 / M6 2.5	–	2.4	2.4	–	–	–
Europa Components Metal clad CU guide 1183-001EDS	2.0	2.5	2.0	2.0	2.5	–	–
FuseBox[5] F2 Series CU user guide	2.0	2.5	2.5	2.5 / 1.2	2.5	–	2.5 / 1.2
Hager[6] Torque Settings – Consumer Units	2 ≤1.5 mm²: 1.5	3.6	2.8	2.1	2.8	–	–
Lewden[7] PRO RCBO data sheets 2022–24	–	–	–	line 2.5 / load 1.2–1.5	–	–	–
Live Distribution MCU surge-protected CU guide	2.0	2.5	–	in 2.0 / out 1.2	–	–	–
MK Electric (Sentry)[8] Sentry current device datasheets	–	3	3 max	2.5	3	supply 2.5 / load 1.2	–
Proteus Switchgear[9] Catalogue MP247	–	–	2.5 max	2 max	2.5 max	–	–
Schneider Electric[10] Easy9 compact CU, NNZ33616-03	2.5	3.5	2.0 32–50 A: 3.5	2.0	3.5	–	2.5
Timeguard[11] Deta datasheets: TX24/25/26xx	–	–	–	top 1.2 / bottom 2.5	–	top 1.2 / bottom 2.5	–
Wylex (Electrium)[12] NM fixed busbar CU, LF1362-6	1.7	2.3	2.3	out 2.0	2.3	out 2.0	3.0

– = no figure in that document: check the device label or the leaflet in the box. **in / out**, **line / load**, **supply / load** = incoming and outgoing terminals; **top / bottom** = as printed. **max** or **min / max** = a range, not a single setting. **FuseBox "2.5 / 1.2"** is printed unlabelled; the FuseBox RCBO datasheet gives in 2.5 / out 1.2. [1–12] Other documents for that brand give different or extra figures — see page 2.

BEFORE YOU RELY ON A FIGURE

1. **The device label or instructions win.** Ranges change between generations; the leaflet in the box beats this card.
2. **Read the conditions.** Which terminal (in / out, line / load, busbar), and any conductor-size condition such as "≤1.5 mm²".
3. **Calibrated, insulated torque screwdriver.** Never a drill-driver or impact driver. Tug-test every conductor.
4. **Isolate, lock off and prove dead first.** Use a GS38-compliant voltage indicator: check it on a known live source, test, then check it again.

Full, searchable reference with sources:
tradefoxapp.com/reference/torque-settings/

Guide only, from manufacturers' published documents. Always follow the instructions supplied with the equipment. Product and brand names are trademarks of their owners; Tradefox is not affiliated with or endorsed by any manufacturer.

Other documents for the same brands (Nm)

[1] **BG (Luceco)** — Fortress CU leaflets (CFSIL/A, CFUGA2IL/D, NXFUSE): bars 2.0 (≤1.5 mm²: 1.3); main switch 3.5 (≤1.5 mm²: 2.3); MCB 2.0 (≤1.5 mm²: 1.3); RCBO in 2.0 / out 1.2; RCD 2.5 (≤1.5 mm²: 1.3); AFDD in 2.0 / out 1.2; SPD L 2.0 / PE-N 1.2. Fortress device datasheets: AFDD in 2 / out 1.2; SPD PE 2.0 / L-N 1.2. Main switch: 3.5 in the leaflets, 2.5 in the 2025–26 sheets.

[2] **Click Elucian** — Elucian CU catalogue MAR1131: bars 2.0; main switch 2.5; MCB 2.0; RCD 2.5; SPD 2.0. Newer brochures refer to a torque label inside the unit.

[3] **Contactum** — Type B RCD 3; 3P+N RCBO 2. T2C4011 SPD: -B PE 2; -BKIT L 2; rest 1.2.

[4] **Eaton / MEM** — 2012 catalogue: bars no fixed value; main switch 2.5 (max 5.0); MCB, RCBO, RCD 2.0 (max 2.4). Memera leaflet (2009): main switch 2.5; MCB 2.0; RCBO 2.5; RCD 2.5.

[5] **FuseBox** — MCB / RCBO datasheets: MCB 2.5; RCBO in 2.5 / out 1.2. TPN board (2025): bars 2.5; main switch, MCB, RCD 2.5.

[6] **Hager** — Design 10/30/50/EVO CU instructions (ZD0820): RCCB 3.3; AFDD line 3.5 / load 2.4; SPD 3.6. AFDD datasheets: top 2.40 / bottom 3.50. Support table: AFDD 2.1. CU surge kit VME01SPD: 3 - 4.5.

[7] **Lewden** — 2013 catalogue (older ranges): bars 2.0; main switch 2.5; MCB 2.0 (80–125 A: 4.0); RCBO 2.0–2.5; RCD 2.0–2.5.

[8] **MK Sentry** — RCBO leaflet 52778PL: in 2.0–2.5 / out 1.2–1.5. Enclosure kits 45998PL: bars 1–1.5; MCB and RCD 2–2.5.

[9] **Proteus** — ABX 100 A 3-phase board (PIIL001): bars 1.5; main switch 2.5; MCB 2.5; RCBO line 2.5 / load 1.5; RCD 2; AFDD line 2.5 / load 1.5; SPD 3.

[10] **Schneider** — Easy9 technical guide (2024): AFDD 2. Acti9 FAQ: iC60H MCB 2 (32–63 A: 3.5); iC60H RCBO in 3.5 / out 2; iID 3.5; iPRD 3.5 / iQuick 2.5.

[11] **Timeguard** — Source: Deta-issued Timeguard datasheets — DS 1668 (TX24xx RCBO), DS 1708 (TX25xx RCBO), DS 1667 (TX26xx AFDD+RCBO), for the TX series only. Given as top / bottom, not line / load; max torque is also printed on each device.

[12] **Wylex** — 2-way enclosures LF1568: RCBO out 2.0 / busbar 2.5. NH TP&N boards: main switch 2.3; RCBO busbar 1.7; RCD 2.3. Check other NH/NM ranges against the leaflet in the box.

No figure for your device?

ASK, DON'T GUESS.

Check the device label, the sticker inside the enclosure and the instruction leaflet. If none gives a torque, contact the manufacturer's technical line before you terminate.

Product standards such as IEC 60947-1 and BS EN 60999-1 set **test torques** used to type-test new terminals. They are **not installation figures**. If you need them, they are in the standards themselves, available from BSI.

Conversions

Nm	lbf·in	kgf·cm
0.4	3.5	4.1
0.5	4.4	5.1
0.8	7.1	8.2
1.2	10.6	12.2
1.5	13.3	15.3
2.0	17.7	20.4
2.5	22.1	25.5
3.0	26.6	30.6
3.5	31.0	35.7
4.0	35.4	40.8

1 Nm = **8.851 lbf·in** = **10.197 kgf·cm** = 0.7376 lbf·ft = 100 cN·m.
1 lbf·in = 0.1130 Nm. Calculated (NIST SP 811), rounded to 0.1.

Tool accuracy: setting-type torque screwdrivers up to 10 N·m are ±6 % (BS EN ISO 6789-1). Norbar: retest within 12 months or 5,000 cycles. Recalibrate if dropped or readings drift.

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