O2Sera — İKİLİ REDÜKTÖR MOTOR KUMANDA BAĞLANTI DİYAGRAMI

3~ 400V / 230V AC • 2× ABB MS116 (MKŞ) • 4× ABB B6-30-01 (230V AC bobin) • ABB CR-M230AC4 + CR-M4SS • 2× Mutlusan SW-BL4252 • RSU50

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1) ANA BESLEME & ÜST RAY KLEMENSİ (5×2,5 mm²)

L1	L2	L3	N1–N4	PE1–PE3
X1	X2	X3	N	PE
Faz L1	Faz L2	Faz L3	Nötr Bara	Toprak

3~ 400V / 230V AC Besleme → Q1 & Q2 (1L1-3L2-5L3)

2) ALT RAY SAHA KLEMENSİ (X4–X12 • 2,5 mm²)

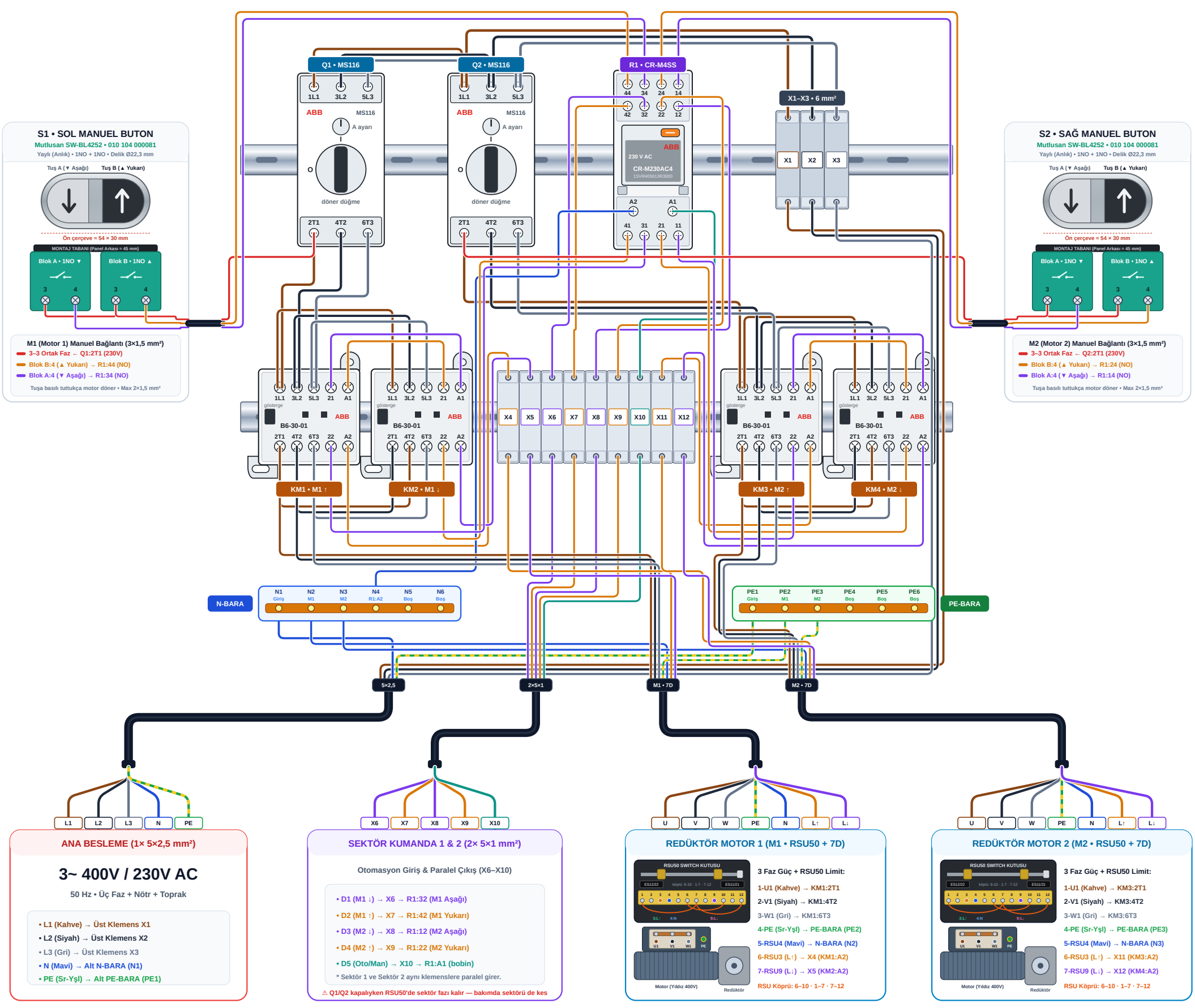
KM1:A2	KM2:A2	R1:32 NC	R1:42 NC	R1:12 NC	R1:22 NC	R1:A1	KM3:A2	KM4:A2
X4	X5	X6	X7	X8	X9	X10	X11	X12
M1 L↑	M1 L↓	SK D1	SK D2	SK D3	SK D4	Oto/Man	M2 L↑	M2 L↓

M1 RSU50 Limit — Sektör Kumanda 1 & 2 (2× 5×1 mm² Paralel) — M2 RSU50 Limit

3) ABB CR-M230AC4 + CR-M4SS (R1) & KİLİTLEME MANTIĞI

- **NC (42-32-22-12) → Oto Sektör:** 42←X7 (M1↑) | 32←X6 (M1↓) | 22←X9 (M2↑) | 12←X8 (M2↓)
- **NO (44-34-24-14) → Manuel:** 44←S1:B4 (▲) | 34←S1:A4 (▼) | 24←S2:B4 (▲) | 14←S2:A4 (▼)
- **COM (41-31-21-11) → KM NC:** 41→KM2:22 | 31→KM1:22 | 21→KM4:22 | 11→KM3:22
- **Bobin (A1–A2) & Kilit (21–22):** A1←X10, A2→N4 (Alt N-BARA) • KM1↔KM2 ve KM3↔KM4 Kilitli

Ters Yön Faz Çevirme (Alt Çıkış): KM1(2T1-4T2-6T3) ↔ KM2(4T2-2T1-6T3) • KM3 ↔ KM4



L1 Faz — L2 Faz — L3 Faz — Nötr (N) — Toprak (PE) — Kumanda fazı 230V — ↑ Yukarı yolu (▲, oto ↑, kilit, limit ↑) — ↓ Aşağı yolu (▼, oto ↓, kilit, limit ↓) — Oto/Man bobini