

Kytuintuotteet

Nokka-, turva-
ja pääkytkimet



Lyhytluettelo 2007



UTU POWER Oy
Komponentit



UTU POWER Oy

- sähkön ammattilainen -

| SNro | Laji | Tuote | Kiinnitystapa | Nimellis- virta A (AC21) | Napojen lkm |
|------|------|-------|---------------|-----------------------------|----------------|
|------|------|-------|---------------|-----------------------------|----------------|

Nokkakytkimet

0 - 1 Kytkimet

| | | | | | | |
|-----------|------------------|-------|---------|---------------------|-----|-------|
| 36 073 71 | M220-649965 | 0 - 1 | Avain | Kojerasiaan | 20A | 1-nap |
| 36 071 50 | P220-61001-003M1 | 0 - 1 | | Kansi 4-piste | 20A | 1-nap |
| 36 071 52 | P220-61002-003M1 | 0 - 1 | | Kansi 4-piste | 20A | 2-nap |
| 36 071 54 | P220-61003-003M1 | 0 - 1 | | Kansi 4-piste | 20A | 3-nap |
| 36 073 01 | P220-61001-219M1 | 0 - 1 | | Kansi Ø 22,5 mm | 20A | 1-nap |
| 36 074 74 | P220-61001-253S1 | 0 - 1 | Avain | Kansi Ø 22,5 mm | 20A | 1-nap |
| 36 074 03 | P220-61002-219M1 | 0 - 1 | | Kansi Ø 22,5 mm | 20A | 2-nap |
| 36 073 03 | P220-61003-219M1 | 0 - 1 | | Kansi Ø 22,5 mm | 20A | 3-nap |
| 36 071 51 | P220-61001-026N2 | 0 - 1 | | DIN-aukko/kisko | 20A | 1-nap |
| 36 074 05 | P220-61002-026N2 | 0 - 1 | | DIN-aukko/kisko | 20A | 2-nap |
| 36 071 53 | P220-61003-026N2 | 0 - 1 | | DIN-aukko/kisko | 20A | 3-nap |
| 36 073 21 | P220-61001-076M1 | 0 - 1 | | Koteloitu | 20A | 1-nap |
| 36 074 76 | P220-61003-176M1 | 0 - 1 | | Koteloitu | 20A | 3-nap |
| 36 074 72 | P220-643863-040K | 0 - 1 | (105mm) | Pohjak. EK-kot. DIN | 20A | 1-nap |
| 36 073 23 | P220-61002-021M1 | 0 - 1 | | Pohjakiinnitys | 20A | 2-nap |

Minikytkimet (30 x 30 mm etulevyllä)

| | | | | | | |
|-----------|------------------|-----------|-------|--------------------|-----|-------|
| 36 073 11 | P110-61001-003M1 | 0 - 1 | | Kansi 2-piste/mini | 10A | 1-nap |
| 36 073 17 | P110-61003-003M1 | 0 - 1 | | Kansi 2-piste/mini | 10A | 3-nap |
| 36 071 01 | P110-61025-003M1 | 1 - 0 - 2 | | Kansi 2-piste/mini | 10A | 1-nap |
| 36 071 21 | P110-61027-003M1 | 1 - 0 - 2 | | Kansi 2-piste/mini | 10A | 3-nap |
| 36 073 06 | P110-61037-003M1 | 1 - 2 | | Kansi 2-piste/mini | 10A | 1-nap |
| 36 073 13 | P110-61001-219M1 | 0 - 1 | | Kansi Ø 16/22,5 mm | 10A | 1-nap |
| 36 073 15 | P110-61001-253S1 | 0 - 1 | Avain | Kansi Ø 16/22,5 mm | 10A | 1-nap |
| 36 073 19 | P110-61003-219M1 | 0 - 1 | | Kansi Ø 16/22,5 mm | 10A | 3-nap |
| 36 071 03 | P110-61025-219M1 | 1 - 0 - 2 | | Kansi Ø 16/22,5 mm | 10A | 1-nap |
| 36 071 23 | P110-61027-219M1 | 1 - 0 - 2 | | Kansi Ø 16/22,5 mm | 10A | 3-nap |

Vaihtokytkimet 0 - asennolla

| | | | | | | |
|---------------|-------------------|--------------------|-------------------|-------------------------|-----|--------|
| 36 071 59 *) | P220-61025-003M1 | K - 0 - A | | Kansi 4-piste | 20A | 1-nap |
| 36 071 60 | P220-61026-003M1 | 1 - 0 - 2 | | Kansi 4-piste | 20A | 2-nap |
| 36 071 62 | P220-61027-003M1 | 1 - 0 - 2 | | Kansi 4-piste | 20A | 3-nap |
| 36 074 57 | S606-61027-003M1 | 1 - 0 - 2 | | Kansi 4-piste | 63A | 3-nap |
| 36 074 63 | S606-61154-003M1 | 1 - 0 - 2 | 1k aik.s / viiv.a | Kansi 4-piste | 63A | 4 kosk |
| 36 073 41 **) | P220-61025-219M1 | K - 0 - A | | Kansi Ø 22,5 mm | 20A | 1-nap |
| 36 074 06 | P220-61026-219M1 | 1 - 0 - 2 | | Kansi Ø 22,5 mm | 20A | 2-nap |
| 36 073 43 | P220-61027-219M1 | 1 - 0 - 2 | | Kansi Ø 22,5 mm | 20A | 3-nap |
| 36 073 08 | P220-61025-076M1 | 1 - 0 - 2 | | Koteloitu | 20A | 1-nap |
| 36 071 61 | P220-61025-026N2 | 1 - 0 - 2 | | DIN-aukko/kisko | 20A | 1-nap |
| 36 071 66 | P220-61026-026N2 | 1 - 0 - 2 | | DIN-aukko/kisko | 20A | 2-nap |
| 36 073 33 | M220-61027-026N2 | 1 - 0 - 2 | | DIN-aukko/kisko | 20A | 3-nap |
| 36 074 84 | P220-645528-026N2 | Kesä-0-Talvi (SLY) | | DIN-aukko/kisko | 20A | 4 kosk |
| 36 074 78 | P220-643864-040K | A - 0 - K (105mm) | | Pohjak. EK-kot. DIN | 20A | 1-nap |
| 36 071 05 | P220-61025-021M1 | 1 - 0 - 2 | | Pohjakiinnitys | 20A | 1-nap |
| 36 074 59 | S606-61027-041M1 | 1 - 0 - 2 | | Pohjakiinn. ja ovikytk. | 63A | 3-nap |
| 36 073 10 | P220-61027-176M1 | 1 - 0 - 2 | | Koteloitu | 20A | 3-nap |

*) P220-SE0032

**) P220-SE0033

Vaihtokytkimet ilman 0 - asentoa

| | | | | | | |
|-----------|------------------|-------|--|-----------------|-----|-------|
| 36 071 56 | P220-61037-003M1 | 1 - 2 | | Kansi 4-piste | 20A | 1-nap |
| 36 074 12 | P220-61039-003M1 | 1 - 2 | | Kansi 4-piste | 20A | 3-nap |
| 36 074 14 | P220-61039-219M1 | 1 - 2 | | Kansi Ø 22,5 mm | 20A | 3-nap |
| 36 074 10 | P220-61037-026N2 | 1 - 2 | | DIN-aukko/kisko | 20A | 1-nap |
| 36 073 53 | M220-61039-026N2 | 1 - 2 | | DIN-aukko/kisko | 20A | 3-nap |
| 36 070 94 | P220-61037-219M1 | 1 - 2 | | Kansi Ø 22,5 mm | 20A | 1-nap |

| SNro | Laji | Tuote | Kiinnitystapa | Nimellis- virta A (AC21) | Napojen lkm |
|------|------|-------|---------------|-----------------------------|----------------|
|------|------|-------|---------------|-----------------------------|----------------|

Nokkakytkimet

Askelkytkimet ilman 0 - asentoa (jokaisella askeleella kiinni yksi kosketin kerrallaan)

| | | | | | |
|-----------|------------------|---------------|-------------------|-----|-------|
| 36 074 24 | M220-61050-025N3 | 1 - 2 - 3 - 4 | Kojerasia-asennus | 20A | 1-nap |
| 36 074 16 | P220-61049-003M1 | 1 - 2 - 3 | Kansi 4-piste | 20A | 1-nap |
| 36 074 18 | P220-61050-003M1 | 1 - 2 - 3 - 4 | Kansi 4-piste | 20A | 1-nap |
| 36 074 20 | P220-61050-219M1 | 1 - 2 - 3 - 4 | Kansi Ø 22,5 mm | 20A | 1-nap |
| 36 074 22 | P220-61050-026N2 | 1 - 2 - 3 - 4 | DIN-aukko/kisko | 20A | 1-nap |

Askelkytkimet 0 - asennolla (jokaisella askeleella kiinni yksi kosketin kerrallaan)

| | | | | | |
|-----------|------------------|---------------|-----------------|-----|-------|
| 36 074 26 | P220-61060-003M1 | 0 - 1 - 2 - 3 | Kansi 4-piste | 20A | 1-nap |
| 36 074 28 | P220-61060-219M1 | 0 - 1 - 2 - 3 | Kansi Ø 22,5 mm | 20A | 1-nap |
| 36 074 30 | P220-61060-026N2 | 0 - 1 - 2 - 3 | DIN-aukko/kisko | 20A | 1-nap |

Ryhmäkytkimet 0 - asennolla (jokaisella askeleella sulkeutuu yksi kosketin lisää)

| | | | | | |
|-----------|------------------|---------------|-----------------|-----|-------|
| 36 074 32 | P220-61109-003M1 | 0 - 1 - 2 | Kansi 4-piste | 20A | 1-nap |
| 36 074 34 | P220-61109-219M1 | 0 - 1 - 2 | Kansi Ø 22,5 mm | 20A | 1-nap |
| 36 074 36 | P220-61110-003M1 | 0 - 1 - 2 - 3 | Kansi 4-piste | 20A | 1-nap |
| 36 074 38 | P220-61110-219M1 | 0 - 1 - 2 - 3 | Kansi Ø 22,5 mm | 20A | 1-nap |
| 36 074 40 | P220-61110-026N2 | 0 - 1 - 2 - 3 | DIN-aukko/kisko | 20A | 1-nap |

Palautuvat kytkimet

| | | | | | |
|-----------|------------------|-------------------------|--------------------|-----|--------|
| 36 073 76 | P110-61301-003M1 | 0 - 1 - Start palautuva | Kansi 2-piste/mini | 10A | 1-nap |
| 36 074 42 | P220-61300-003M1 | Stop - Start palautuva | Kansi 4-piste | 20A | 1-nap |
| 36 073 81 | P220-61301-003M1 | 0 - 1 - Start palautuva | Kansi 4-piste | 20A | 1-nap |
| 36 073 82 | P220-61301-219M1 | 0 - 1 - Start palautuva | Kansi Ø 22,5 mm | 20A | 1-nap |
| 36 073 83 | P220-61301-026N2 | 0 - 1 - Start palautuva | DIN-aukko/kisko | 20A | 1-nap |
| 36 074 80 | P220-61351-026N2 | Start palautuva | DIN-aukko/kisko | 20A | 1-sulk |
| 36 074 44 | P220-61361-003M1 | 1-0-2 palautuva | Kansi 4-piste | 20A | 1-nap |
| 36 074 46 | P220-61361-219M1 | 1-0-2 palautuva | Kansi Ø 22,5 mm | 20A | 1-nap |

Jänniteen mittauksen vaihtokytkimet

| | | | | | |
|-----------|------------------|---------------------|-----------------|-----|-----------|
| 36 073 86 | P220-61313-003M1 | V-mittarin vaihtok. | Kansi 4-piste | 20A | 7 asentoa |
| 36 073 87 | P220-61313-219M1 | V-mittarin vaihtok. | Kansi Ø 22,5 mm | 20A | 7 asentoa |
| 36 073 88 | M220-61313-026N2 | V-mittarin vaihtok. | DIN-aukko/kisko | 20A | 7 asentoa |

Ilmastointikytkimet

| | | | | | |
|-----------|-------------------|-------------|-----------------|-----|--------|
| 36 073 45 | P220-640400-003M1 | A-0-1/2-1/1 | Kansi 4-piste | 20A | 4 kosk |
| 36 073 46 | P220-647450-219M1 | A-0-1/2-1/1 | Kansi Ø 22,5 mm | 20A | 4 kosk |
| 36 073 47 | P220-647407-026N2 | A-0-1/2-1/1 | DIN-aukko/kisko | 20A | 4 kosk |

Moottorikäyttöjen kytkimet

| | | | | | |
|-----------|------------------|------------------------------|----------------|-----|-------|
| 36 074 48 | P225-61200-003M1 | 0 - Y - D | Kansi 4-piste | 25A | 3-v |
| 36 074 51 | S606-61200-003M1 | 0 - Y - D | Kansi 4-piste | 63A | 3-v |
| 36 270 02 | M220-61200-076M1 | 0 - Y - D | Koteloitu | 20A | 3-v |
| 36 270 04 | T225-61200-070M1 | 0 - Y - D | Koteloitu | 25A | 3-v |
| 36 074 86 | T225-641371 | D-Y-0-Y-D suunn.v. | Pohjakiinnitys | 25A | 3-v |
| 36 074 88 | P220-61211-003M1 | 1 - 0 - 2 suunnanv. | Kansi 4-piste | 20A | 3-v |
| 36 270 22 | P220-61211-176M1 | 1 - 0 - 2 suunnanv. | Koteloitu | 20A | 3-v |
| 36 074 53 | M220-61217-003M1 | 2-1-0-1-2 suunn.v. 2-nop. | Kansi 4-piste | 20A | 3-v |
| 36 074 55 | S440-61154-003M1 | 1 - 0 - 2 (1k aik.s / hid.a) | Kansi 4-piste | 40A | 4-nap |

| SNro | Laji | Tuote | Kiinnitystapa | Nimellis- virta A (AC21) | Napojen lkm |
|------|------|-------|---------------|-----------------------------|----------------|
|------|------|-------|---------------|-----------------------------|----------------|

Pääkytkimet

| | | | | | |
|-----------|------------------|-------|-----------------|------|-------|
| 36 072 52 | H220-41300-003M1 | 0 - 1 | Kansi, 4-piste | 25A | 3-nap |
| 36 072 12 | H220-41300-026M1 | 0 - 1 | DIN-aukko/kisko | 25A | 3-nap |
| 36 072 22 | H220-41300-701M1 | 0 - 1 | Koteloitu | 25A | 3-nap |
| 36 072 54 | H233-41300-003M1 | 0 - 1 | Kansi, 4-piste | 40A | 3-nap |
| 36 072 14 | H233-41300-026M1 | 0 - 1 | DIN-aukko/kisko | 40A | 3-nap |
| 36 072 24 | H233-41300-711M1 | 0 - 1 | Koteloitu | 40A | 3-nap |
| 36 072 56 | H263-41300-003M1 | 0 - 1 | Kansi, 4-piste | 63A | 3-nap |
| 36 072 58 | H408-41300-003M1 | 0 - 1 | Kansi, 4-piste | 80A | 3-nap |
| 36 072 18 | H408-41300-026M1 | 0 - 1 | DIN-aukko/kisko | 80A | 3-nap |
| 36 072 28 | H408-41300-176M1 | 0 - 1 | Koteloitu | 80A | 3-nap |
| 36 072 60 | H410-41300-003M1 | 0 - 1 | Kansi, 4-piste | 100A | 3-nap |
| 36 072 20 | H410-41300-026M1 | 0 - 1 | DIN-aukko/kisko | 100A | 3-nap |
| 36 072 30 | H410-41300-176M1 | 0 - 1 | Koteloitu | 100A | 3-nap |

Turvakytkimet

| | | | | | |
|-----------|------------------|-------|-----------------|-----|-------|
| 36 070 02 | H220-41300-033N4 | 0 - 1 | Kansi 4-piste | 25A | 3-nap |
| 36 070 04 | H233-41300-033N4 | 0 - 1 | Kansi 4-piste | 40A | 3-nap |
| 36 070 12 | H220-41300-026N4 | 0 - 1 | DIN-aukko/kisko | 25A | 3-nap |
| 36 070 32 | H220-41300-700N4 | 0 - 1 | Koteloitu | 25A | 3-nap |
| 36 070 34 | H233-41300-710N4 | 0 - 1 | Koteloitu | 40A | 3-nap |
| 36 070 36 | H263-41300-710N4 | 0 - 1 | Koteloitu | 63A | 3-nap |
| 36 070 38 | H408-41300-177N4 | 0 - 1 | Koteloitu | 80A | 3-nap |
| 36 070 53 | M220-61906-177N4 | 0 - 1 | Koteloitu | 20A | 6-nap |

Pää- ja turvakytkimien lisävarusteet

H-sarjan pää- ja turvakytkimiin on saatavilla lisäkoskettimia. Kytkimen molemmille sivuille voidaan liittää apukosketin. Kytkimiä on tilauksesta saatavana enintään 6-napaisina. Lisäksi saatavilla N- ja PE-liittimiä.

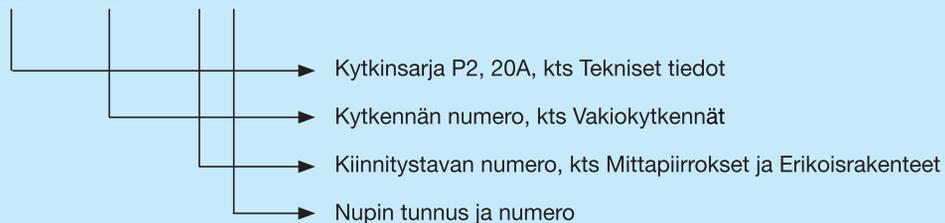
| SNro | Laji | Tuote | Nimellis- virta A (AC21) | Katkaisija- sarjalle |
|-----------|------------|--|-----------------------------|-------------------------|
| 36 072 80 | MBH2-11A02 | Apukosketin 1 viiv.s/aika. a + 1 a, pohjakiinnitteinen | 10A | H200 |
| 36 072 81 | MBH4-11A02 | Apukosketin 1 viiv.s/aika. a + 1 a, pohjakiinnitteinen | 10A | H400 |
| 36 070 91 | MBH2-11A01 | Etulev. | 10A | H200 |
| 36 070 92 | MBH2-11A01 | Etulev. | 10A | H240 |

Sälzer -kytkimien lajivain

Sälzer -kytkimien laji kertoo kytkimen sarjan (tekniset arvot), rakenteen, kytkennän sekä kiinnitystavan

ESIMERKKI

P220 - 61025 - 003M1



Tekniset tiedot

| | [] | P110 | M220 P220 | M225 P225 | T225 | H220 | H233 | H406 | H408 | H410 |
|--------------------------------------|-----|------|--------------|--------------|------|------|------|------|------|------|
| Jalkuva nimeellisvirta Ith ja AC-21A | A | 10 | 20 | 25 | 32 | 25 | 40 | 63 | 80 | 100 |
| Käyttöjännite EN | V | 440 | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 |
| Kuormitusteho AC23A 3v 240 V | kW | 1,8 | 4 | 5,5 | 7,5 | 4 | 7,5 | 16 | 18,5 | 22 |
| Kuormitusteho AC-23A 3v 400 V | kW | 3 | 7,5 | 11 | 15 | 7,5 | 15 | 22 | 30 | 37 |
| Kuormitusteho AC-3 3v 240 V | kW | 1,5 | 3 | 4 | 5,5 | 3 | 5,5 | 11 | 15 | 22 |
| Kuormitusteho AC-3 3v 400 V | kW | 2,2 | 5,5 | 7,5 | 11 | 5,5 | 11 | 18,5 | 22 | 30 |

AC-21A Resistiivisten kuormien ja kohtuullisten ylikuormien kytkeminen

AC-23A Moottorikuormitusten ja vastaavien satunnainen kytkentä

AC-3 Oikosulkumoottoreiden käynnistys ja pyörivän moottorin poiskytkentä

Erikoiskytkimet

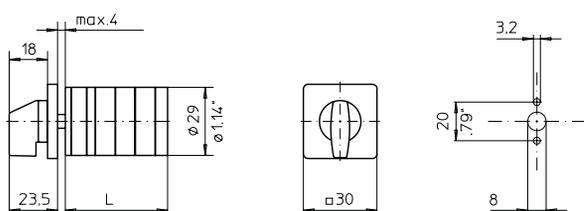
Toimitamme erikoiskytkimiä lyhyellä toimitusajalla.

Tilaukset teet kätevästi sivun 22 erikoiskytkimien tilauslomakkeella.

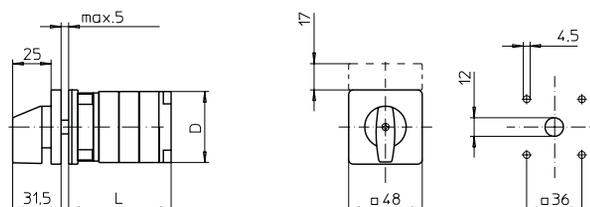
Kiinnitystavat

Kiinnitystapa 003M1 = kansi 4-piste (kiinnitys kanteen 4 ruuvilla, P110• 2-piste)

P11



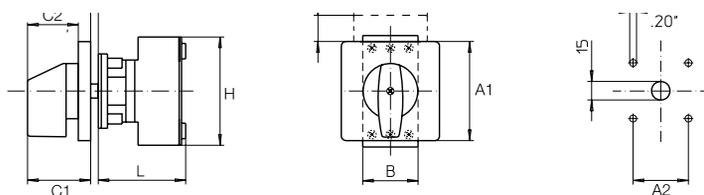
0P/M../S..



L kun koskettimia

| | D | Max kpl | | | Seur. mm/2 kpl | Max kpl |
|------|----|---------|----|----|-------------------|------------|
| | | 2 | 4 | 6 | | |
| P110 | 29 | 39 | 51 | 63 | 12 | 16 |
| P220 | 44 | 47 | 60 | 73 | 13 | 24 |
| P225 | 46 | 51 | 66 | 81 | 15 | 24 |
| M220 | 46 | 40 | 50 | 60 | 10 | 24 |

H/2../H4



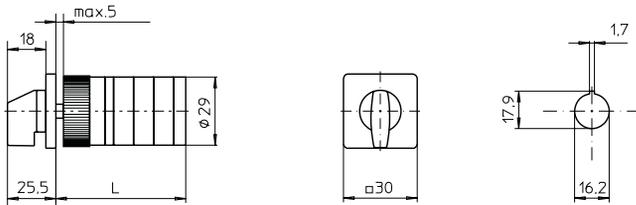
Nim. virta

| | | [A] | L | B | H | C1 | C2 | A1 | A2 |
|-------|-------|-------|----|-----|----|------|----|----|----|
| H2... | 3-nap | -40A | 58 | 36 | 70 | 31,5 | 25 | 48 | 36 |
| H4... | 3-nap | -125A | 73 | 70 | 80 | 40 | 30 | 64 | 48 |
| H4... | 6-nap | -125A | 86 | 140 | 80 | 40 | 30 | 64 | 48 |

Kiinnitystavat

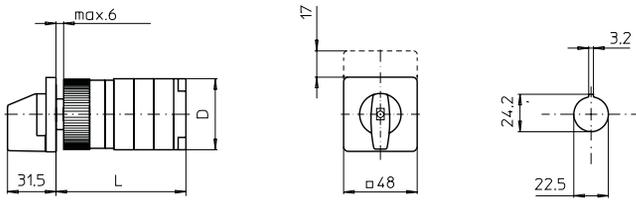
Kiinnitystapa 219M1 = kansikiinnitys keskiöreikään Ø 22,5 mm tai Ø 16,5 mm

P110

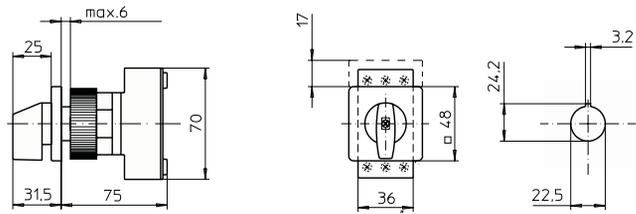


| | D | L kun koskettimia | | | Seur. mm/2 kpl | Max kpl |
|------|----|-------------------|----|-----|-------------------|------------|
| | | 2 | 4 | 6 | | |
| P110 | 29 | 57 | 69 | 81 | 12 | 16 |
| P220 | 44 | 66 | 79 | 92 | 13 | 24 |
| P225 | 46 | 70 | 85 | 100 | 15 | 24 |
| M220 | 46 | 59 | 69 | 79 | 10 | 24 |

P/M../S..

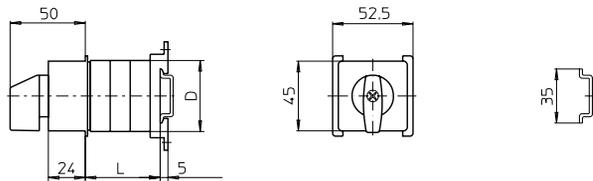


H2..



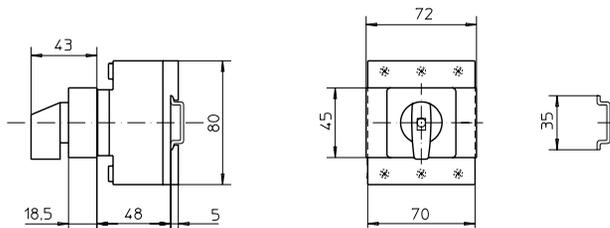
Kiinnitystapa 026N2 = Din aukko/kisko

P/M..



| | D | L kun koskettimia | | | Seur. mm/2 kpl | Max kpl |
|------|----|-------------------|----|----|-------------------|------------|
| | | 2 | 4 | 6 | | |
| P220 | 44 | 28 | 41 | 54 | 13 | 24 |
| P225 | 46 | 30 | 45 | 60 | 15 | 24 |
| M220 | 46 | 25 | 35 | 45 | 10 | 24 |

H 3-nap.

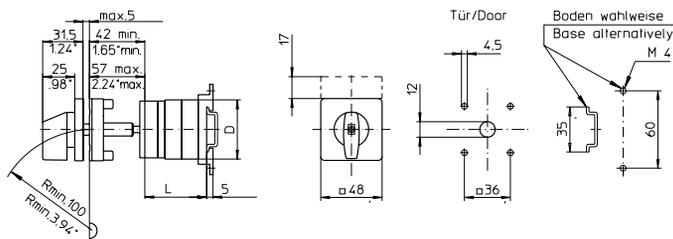


| | L | H | B | A |
|------|----|----|----|----|
| H200 | 38 | 70 | 36 | 48 |
| H400 | 48 | 80 | 70 | 72 |

Kiinnitystavat

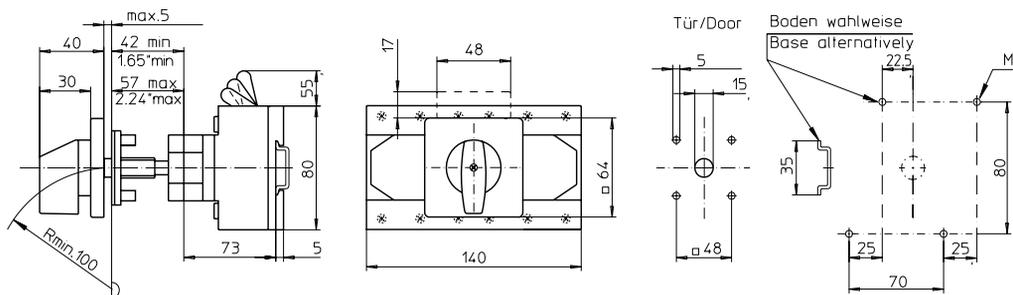
Kiinnitystapa 241M1 = pohjakiinnitys ovikytkyllä

P/M..



| | D | L kun koskettimia | | | Seur. mm/2 kpl | Max kpl |
|------|----|-------------------|----|----|-------------------|------------|
| | | 2 | 4 | 6 | | |
| P220 | 44 | 40 | 53 | 66 | 13 | 24 |
| P225 | 46 | 42 | 57 | 72 | 15 | 24 |
| M220 | 46 | 37 | 47 | 57 | 10 | 24 |
| S225 | 50 | 43 | 58 | 73 | 15 | 24 |

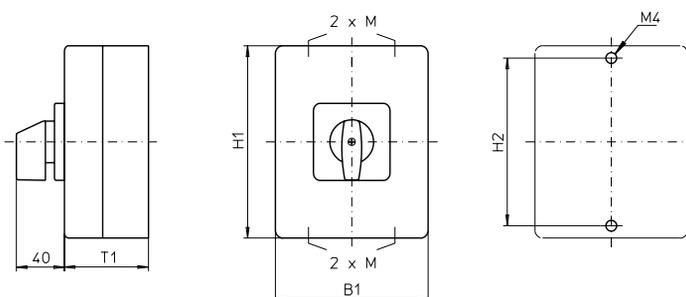
H 3-nap. C3



| | A1 | A2 | B | L | H | C2 | C3 | Max C4 |
|------|----|----|----|----|----|----|------|-----------|
| H200 | 48 | 36 | 36 | 50 | 70 | 25 | 31,5 | 4,5 |
| H400 | 64 | 48 | 70 | 60 | 80 | 30 | 40 | 5 |

Asennustapa 076 (176) = asennus koteloon IP65

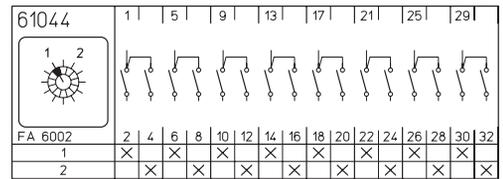
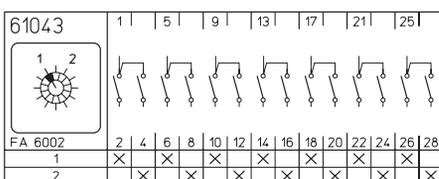
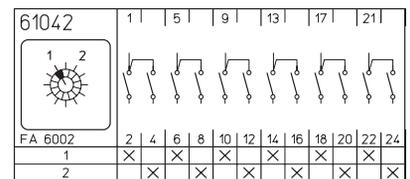
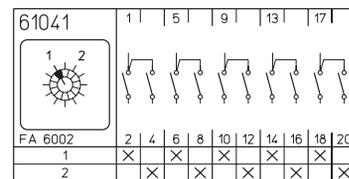
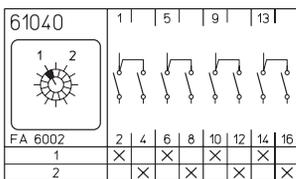
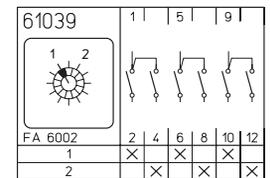
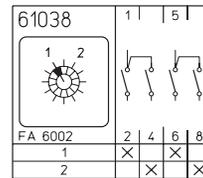
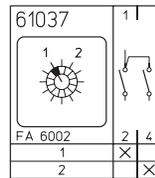
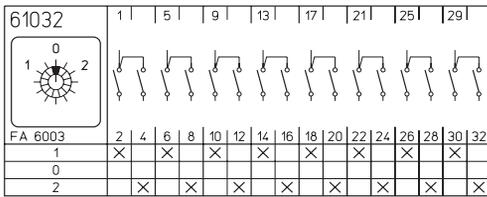
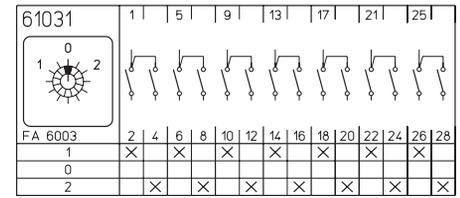
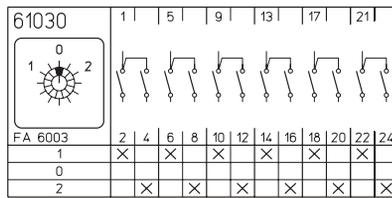
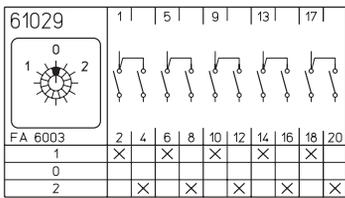
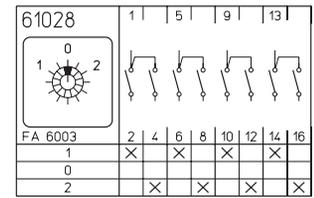
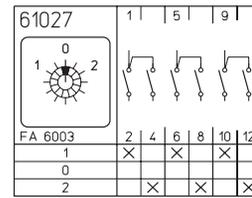
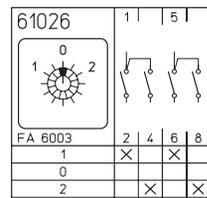
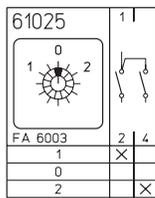
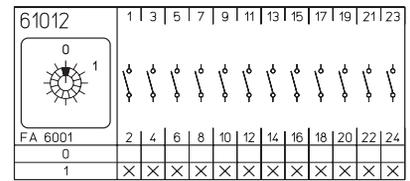
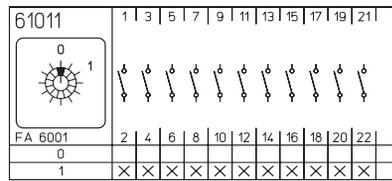
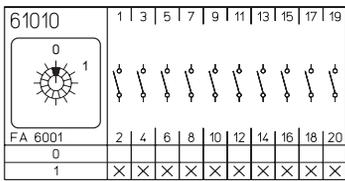
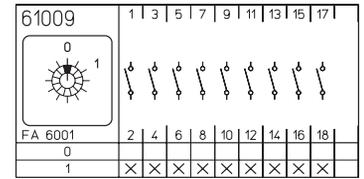
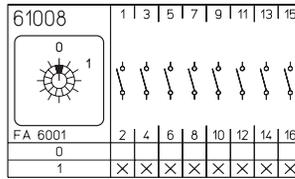
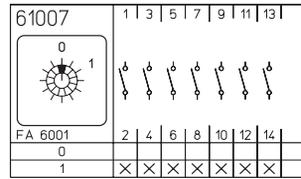
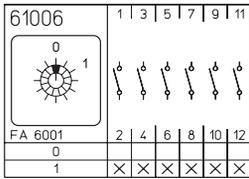
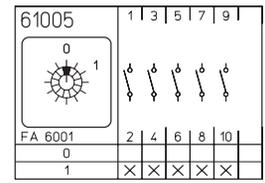
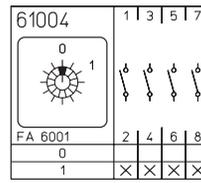
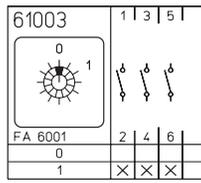
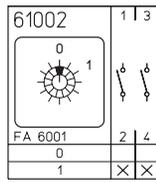
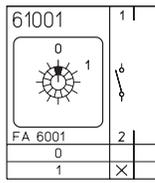
P/M/H



| Kytkinsarja | Kotelo | C | B | H | L kun koskettimia max kpl | | |
|-----------------|-----------|------|-----|-----|------------------------------|-----|-----|
| | | | | | 2 | 4 | 6 |
| P220, P225, M22 | 076, 076* | 31,5 | 80 | 100 | 65 | 85 | 85 |
| P220, P225, M22 | 070, 070* | 31,5 | 90 | 120 | 73 | 103 | 103 |
| H220 | 076 | 31,5 | 100 | 125 | | 75 | |
| H233 | 176 | 40 | 115 | 175 | | 80 | |
| H263 - H400 | 176 | 40 | 160 | 250 | | 95 | |

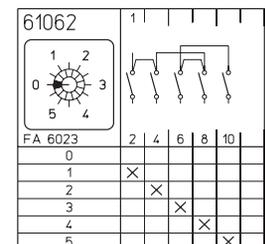
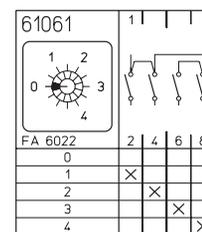
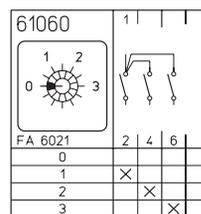
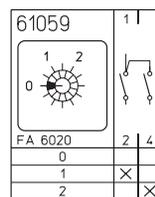
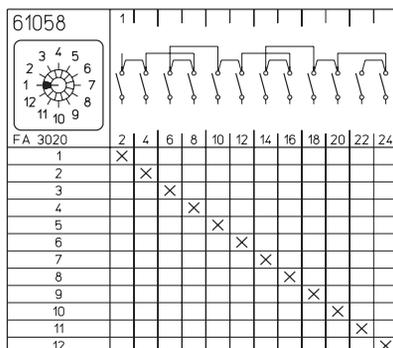
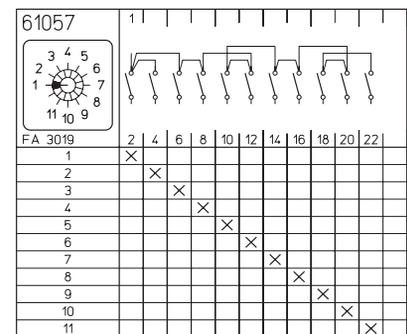
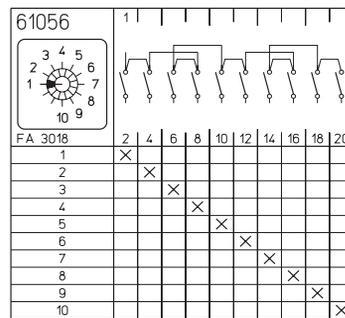
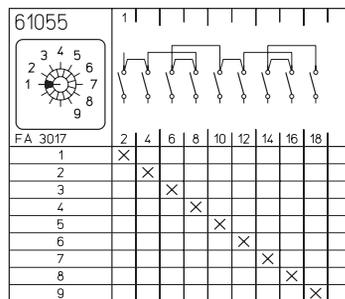
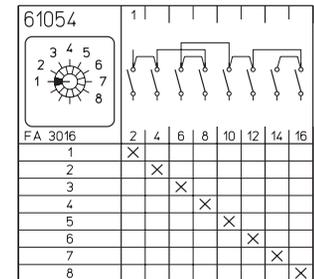
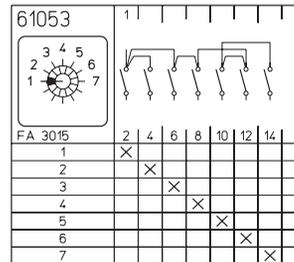
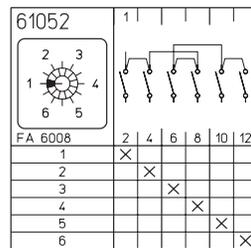
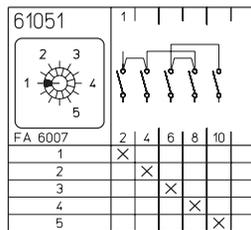
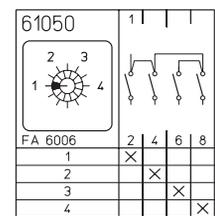
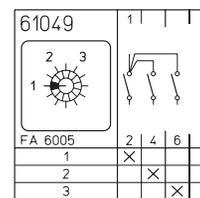
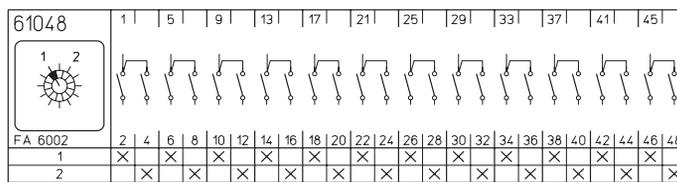
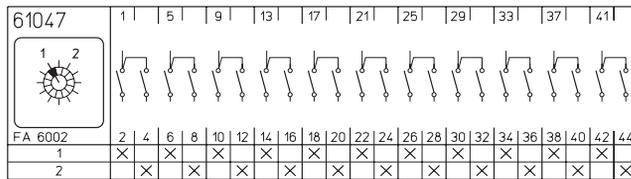
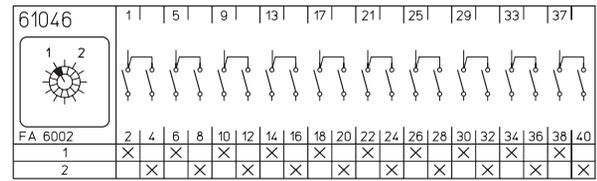
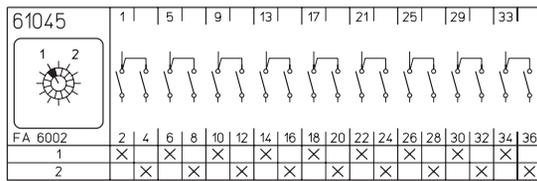
Vakiokytkenät 1

Kytkenä kaaviot: 61001 – 61044



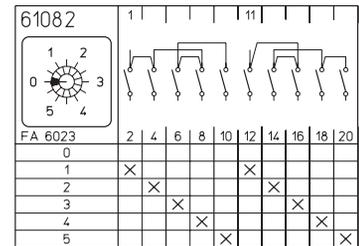
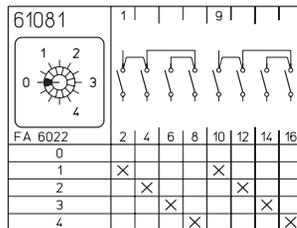
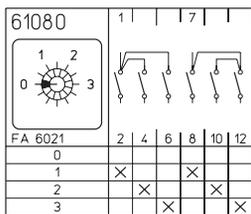
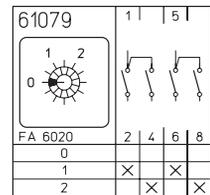
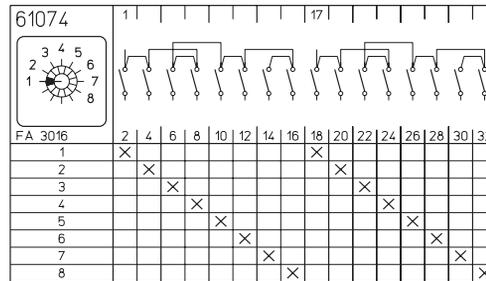
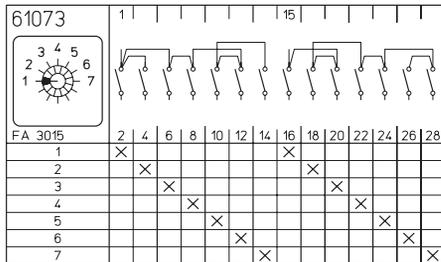
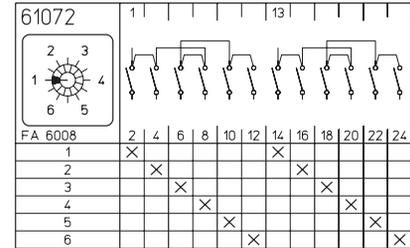
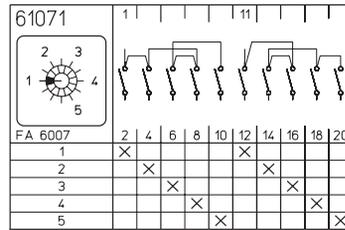
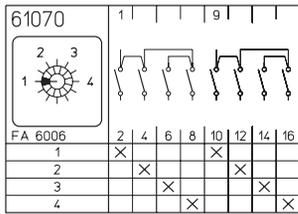
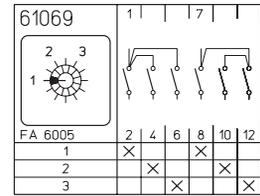
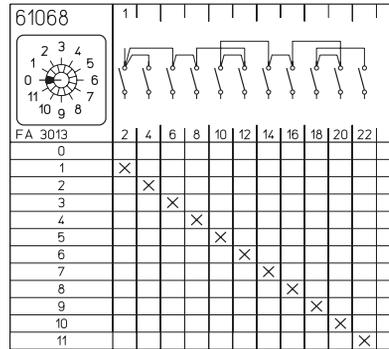
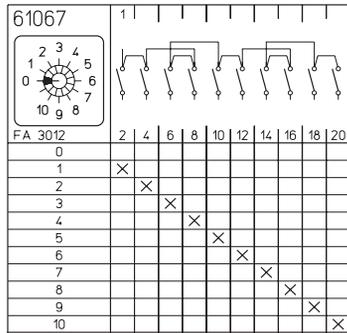
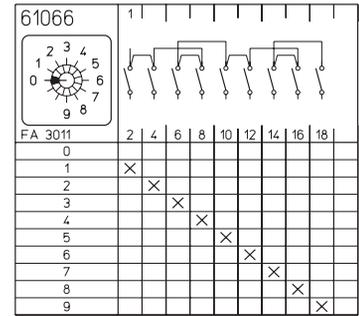
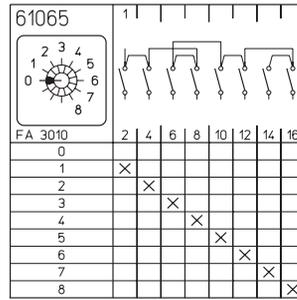
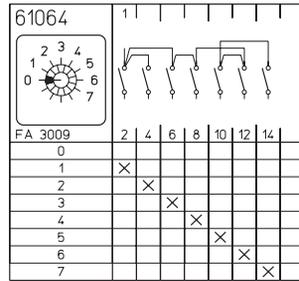
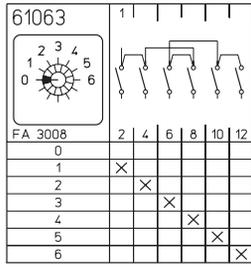
Vakiokytkennät 2

Kytkenä kaaviot: 61045-61062



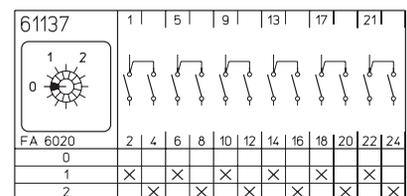
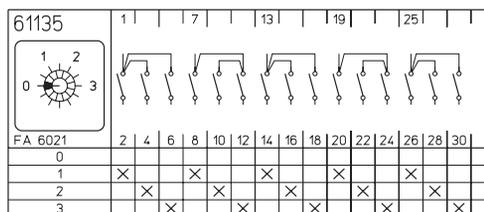
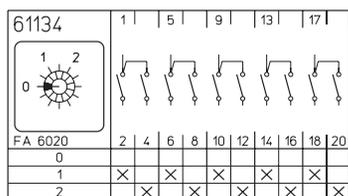
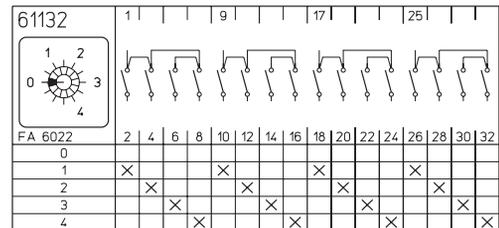
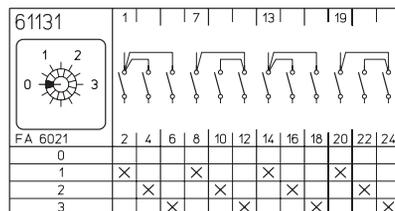
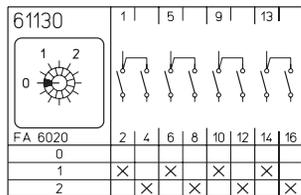
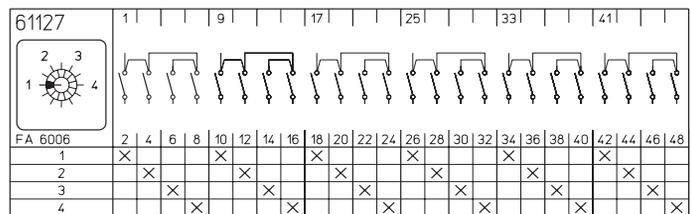
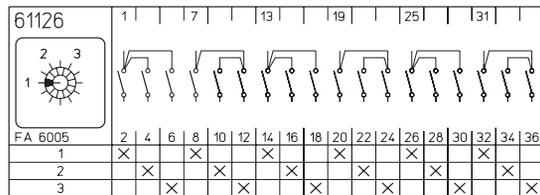
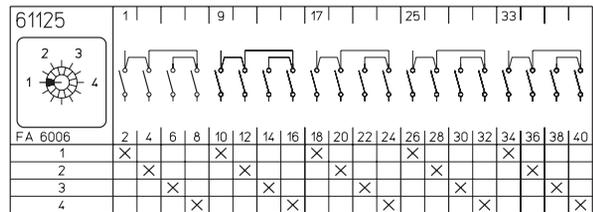
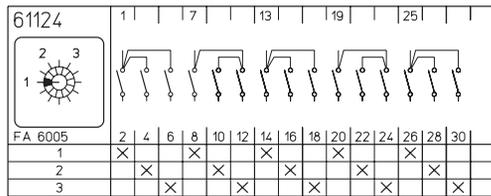
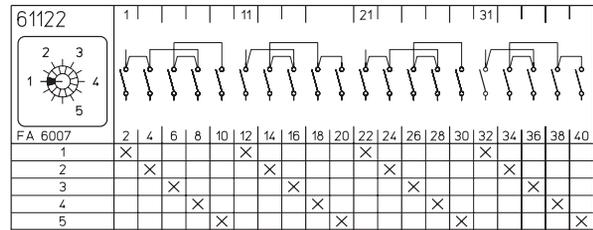
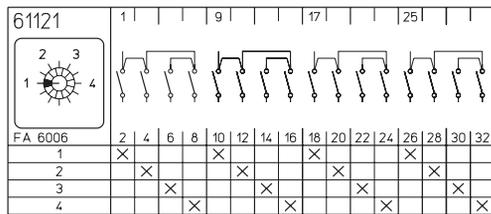
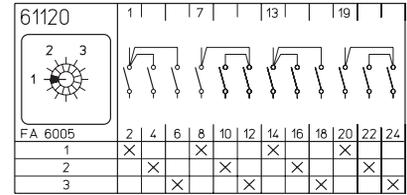
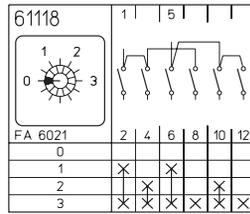
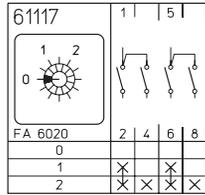
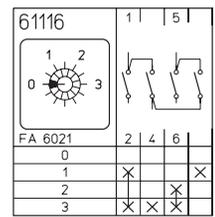
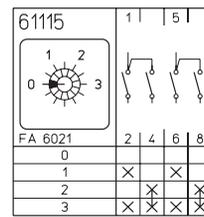
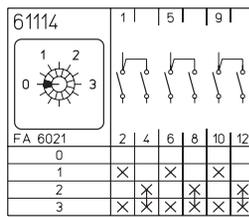
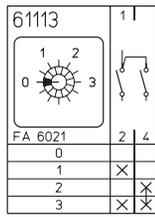
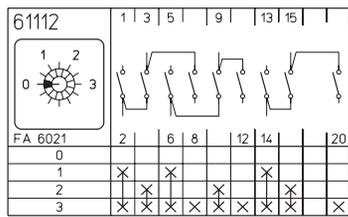
Vakiokytkenät 3

Kytkenä kaaviot: 61063-61082



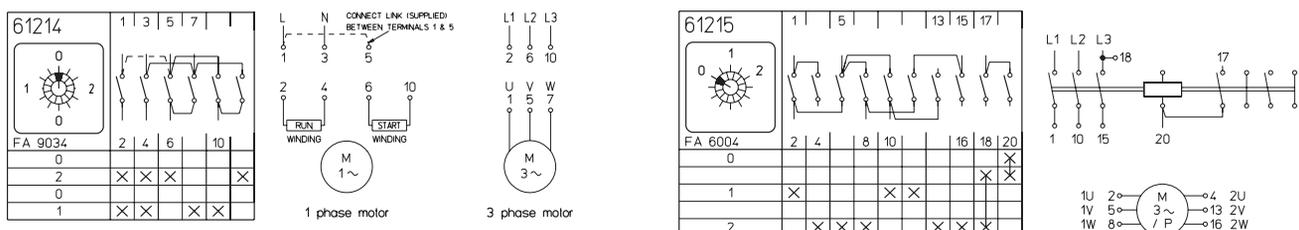
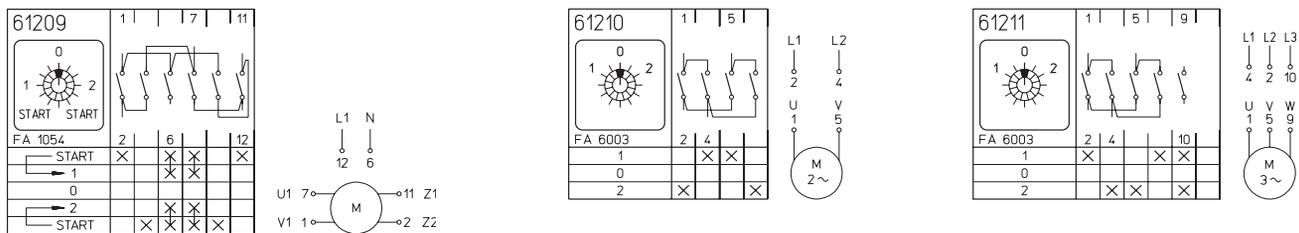
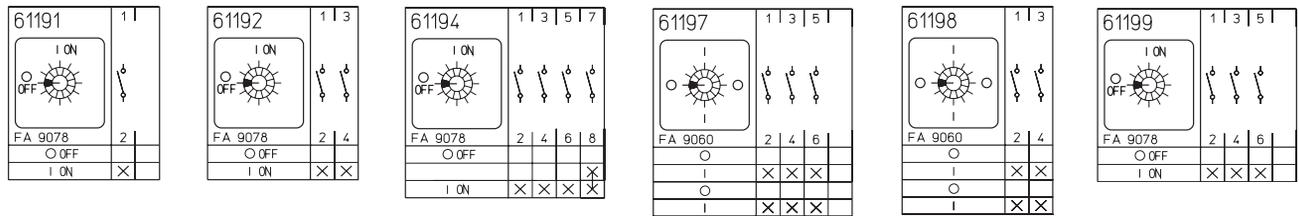
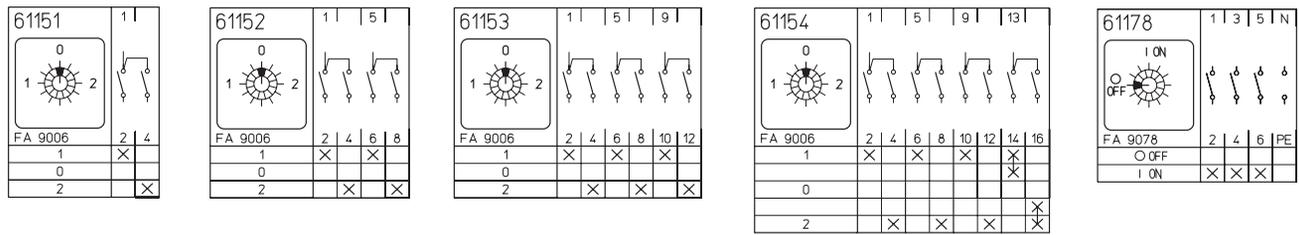
Vakiokytkenät 5

Kytkenä kaaviot: 61112-61137



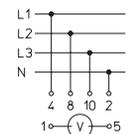
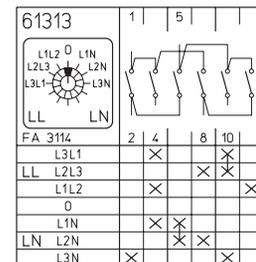
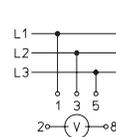
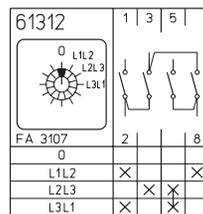
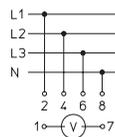
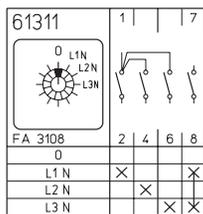
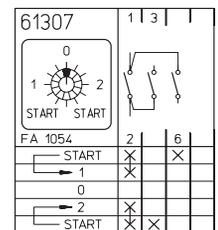
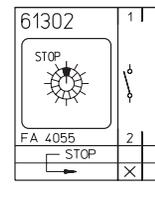
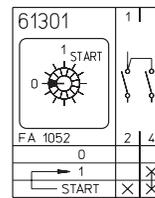
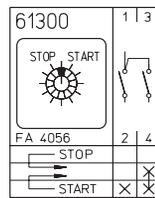
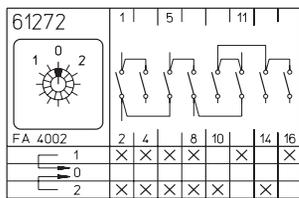
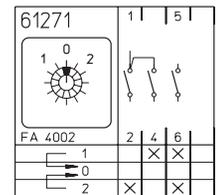
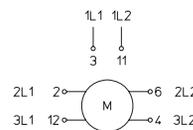
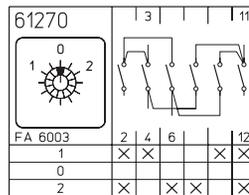
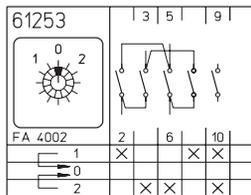
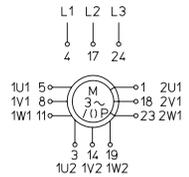
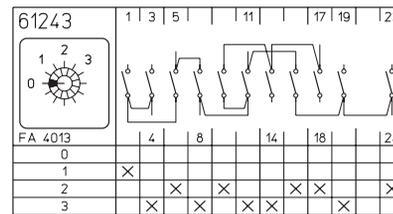
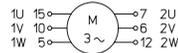
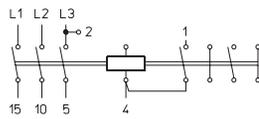
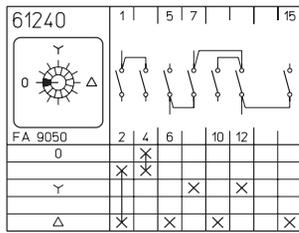
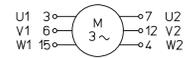
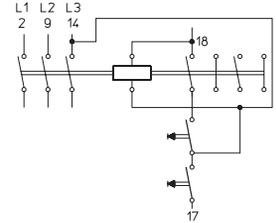
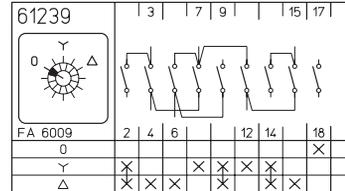
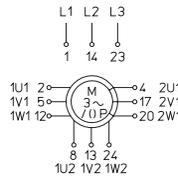
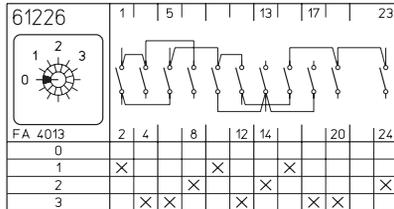
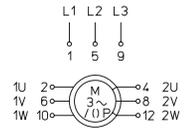
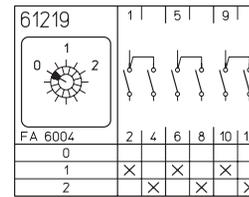
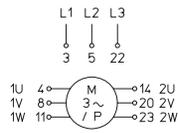
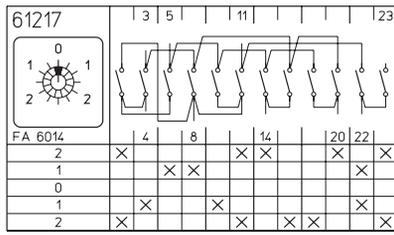
Vakiokytkenät 6

Kytkenä kaaviot: 61151-61215



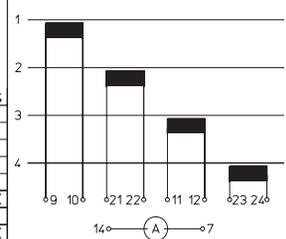
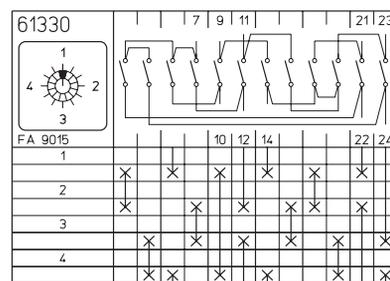
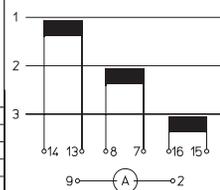
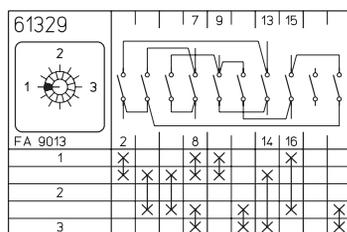
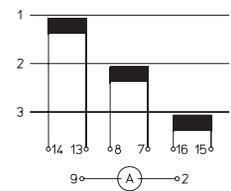
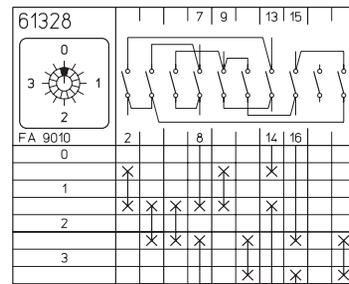
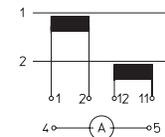
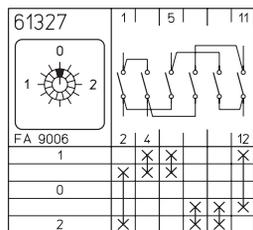
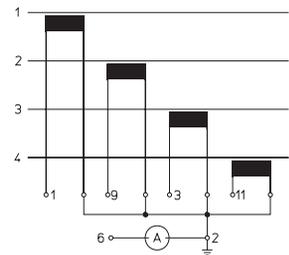
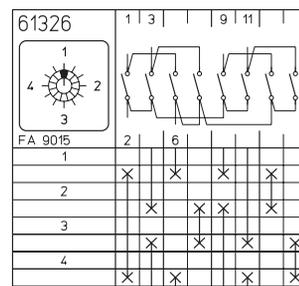
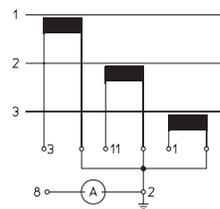
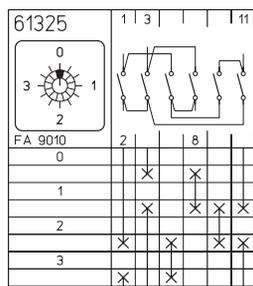
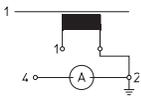
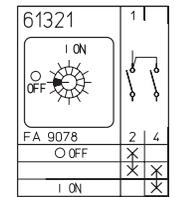
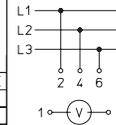
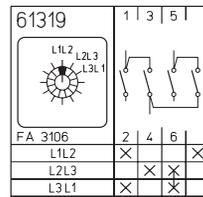
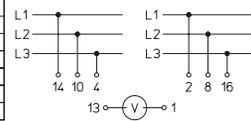
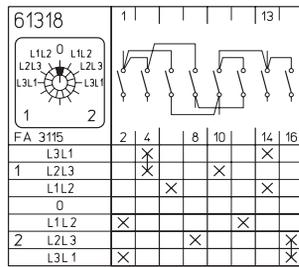
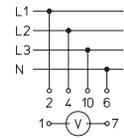
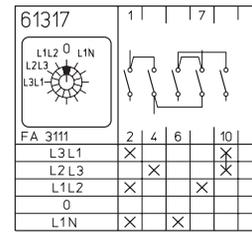
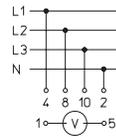
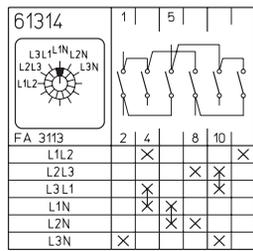
Vakiokytkenät 7

Kytkenä kaaviot: 61217-61313



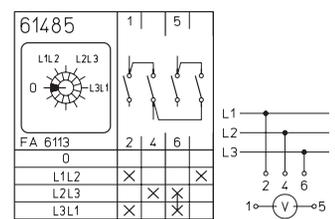
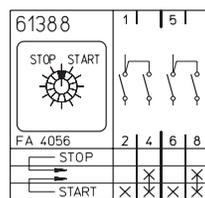
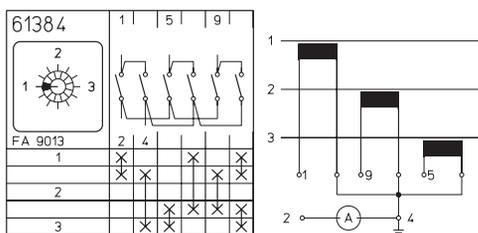
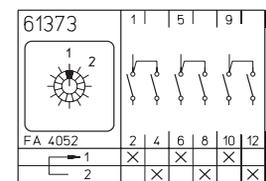
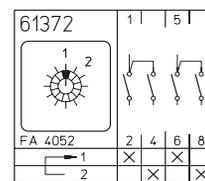
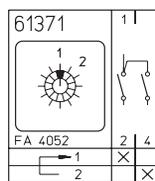
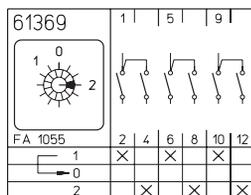
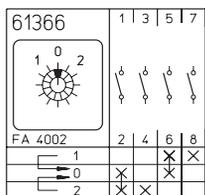
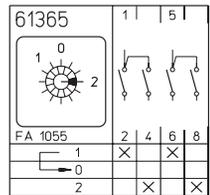
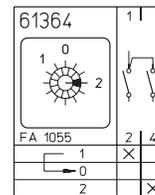
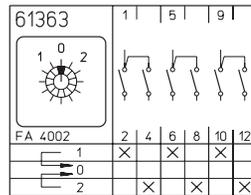
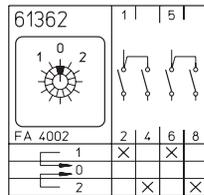
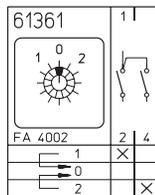
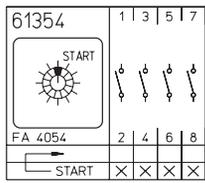
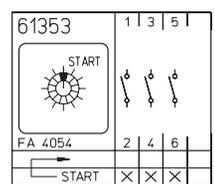
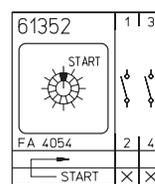
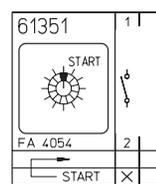
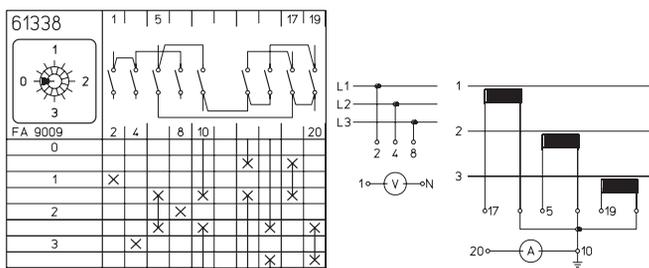
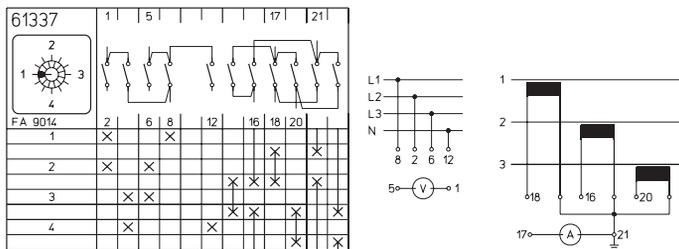
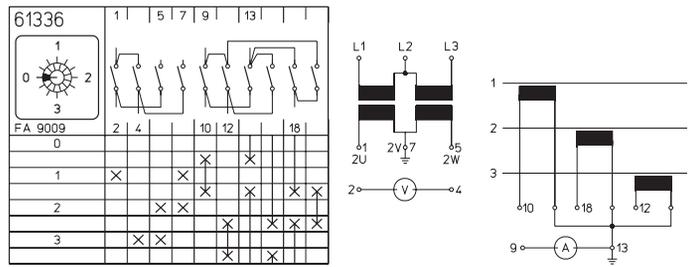
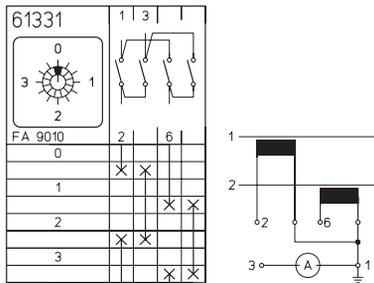
Vakiokytkenät 8

Kytkenä kaaviot: 61314-61330



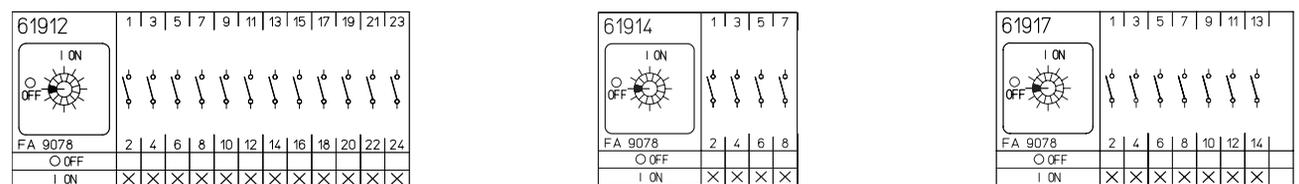
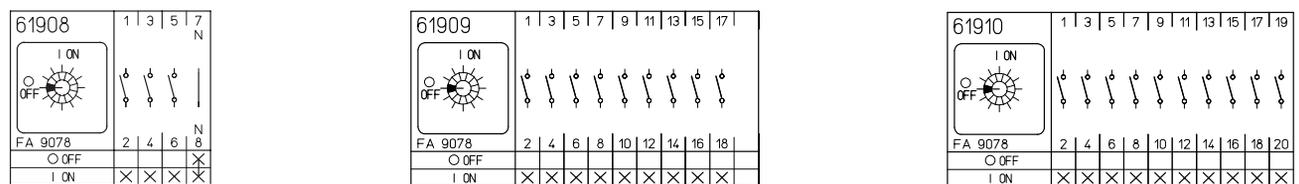
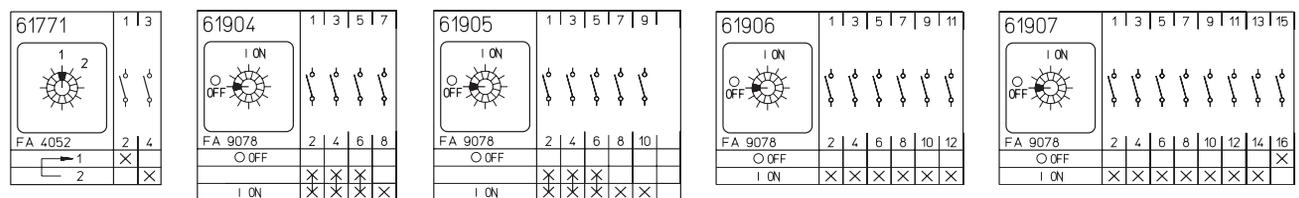
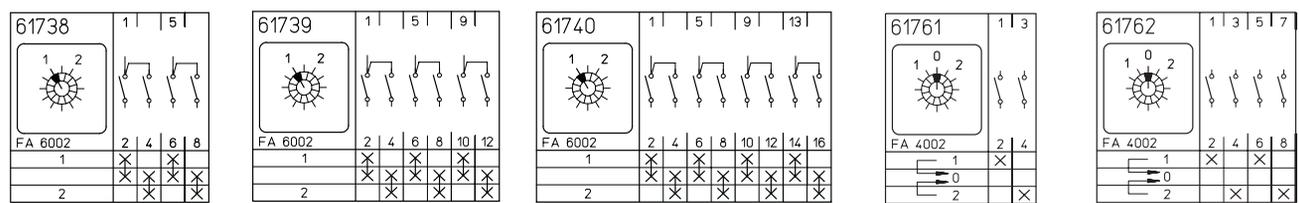
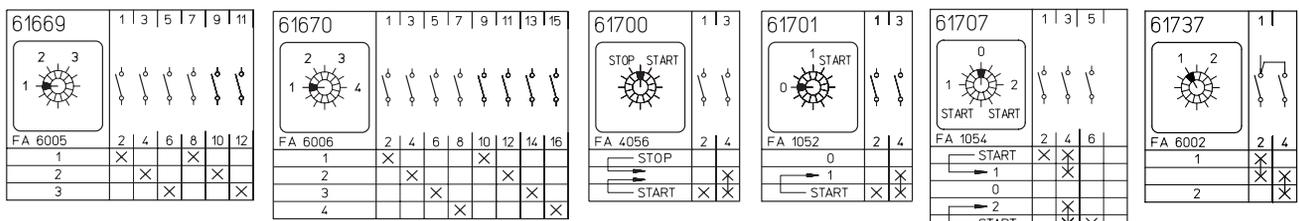
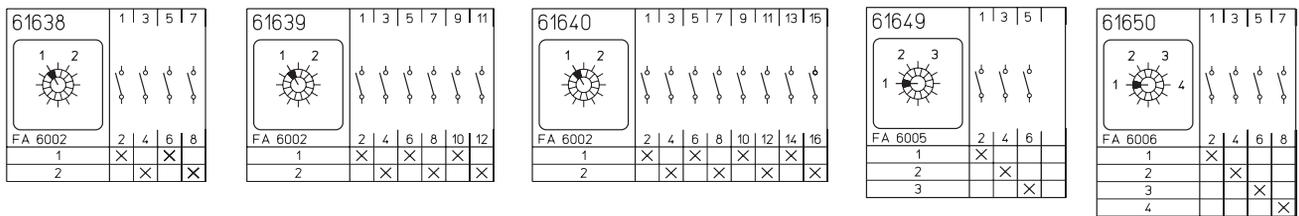
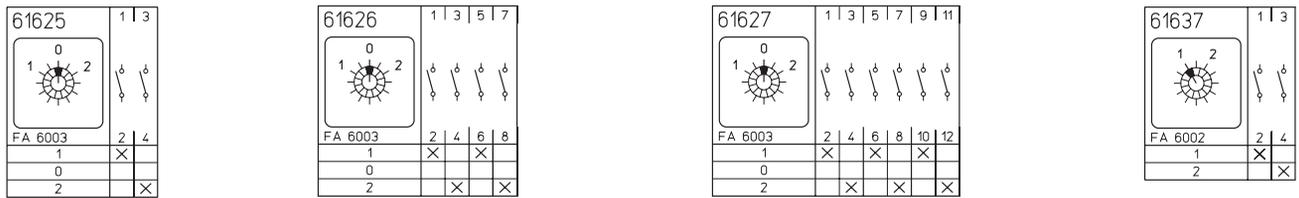
Vakiokytkenät 9

Kytkenä kaaviot: 61331-61485



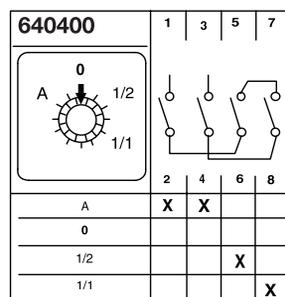
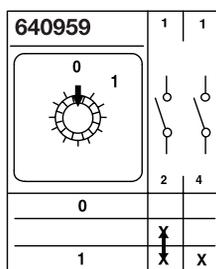
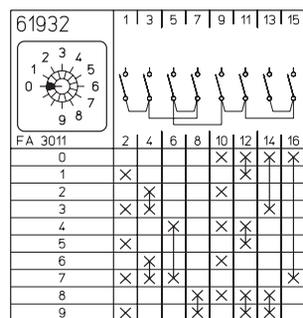
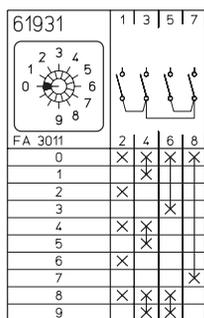
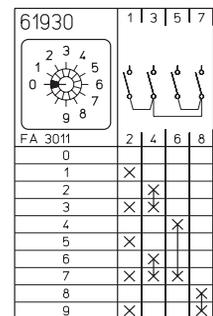
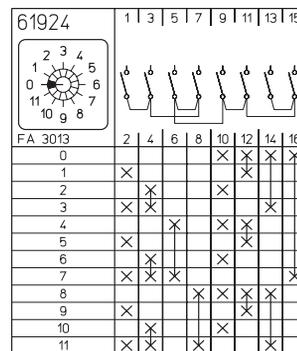
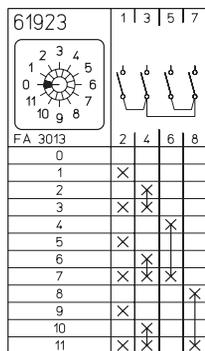
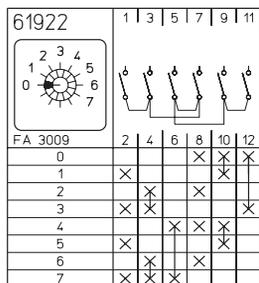
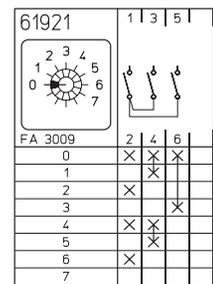
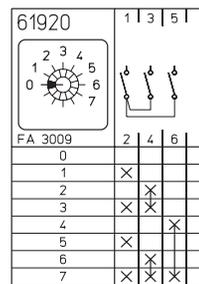
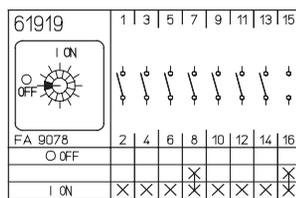
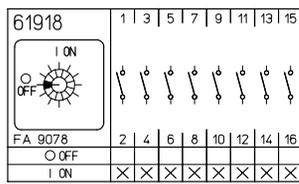
Vakiokytkenät 10

Kytkenä kaaviot: 61625-61917

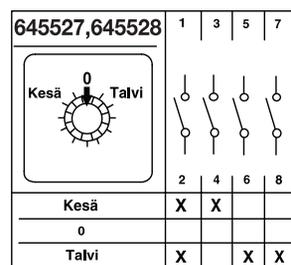


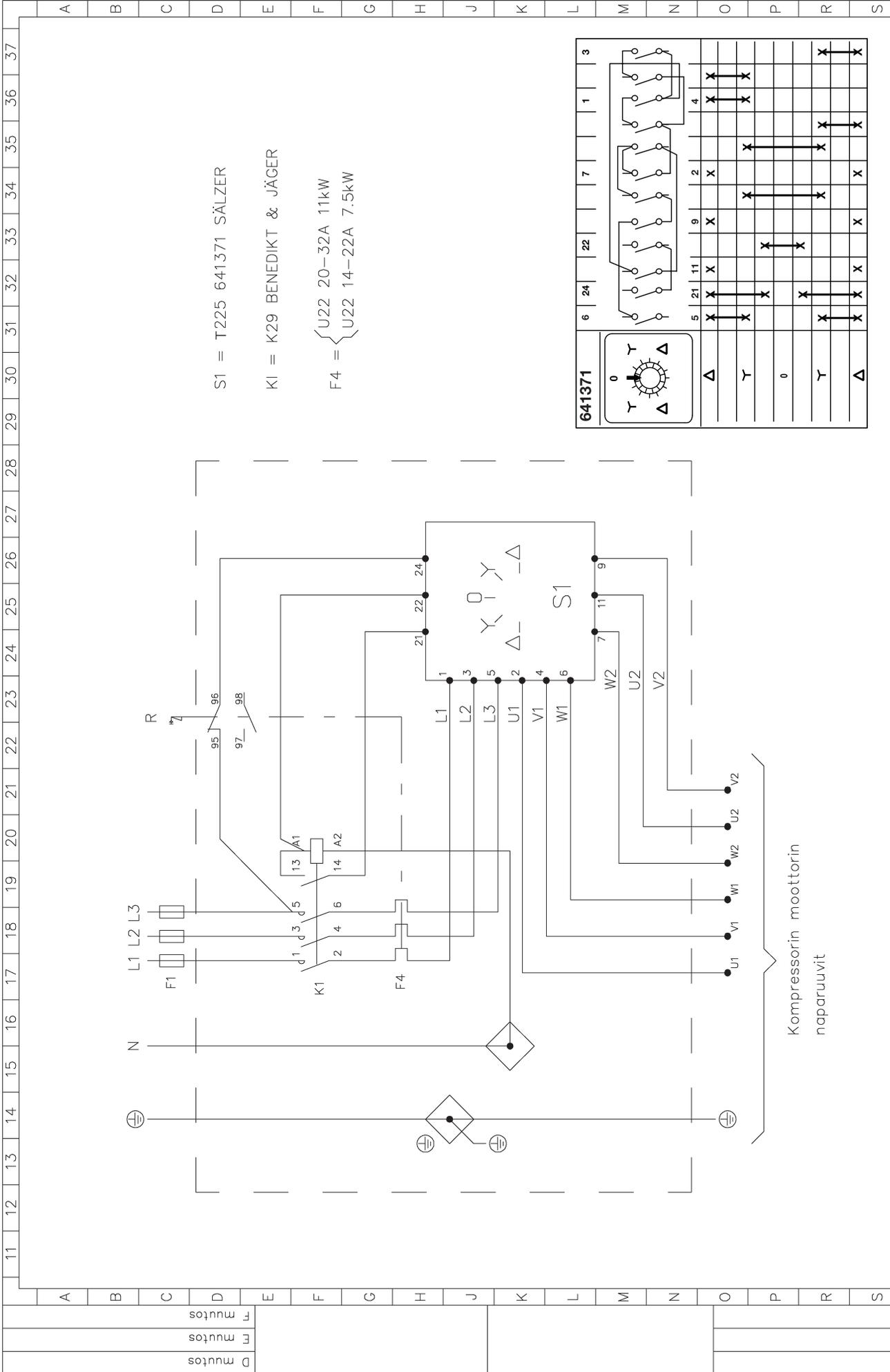
Vakiokytkenät 11

Kytkenä kaaviot: 61918-61932

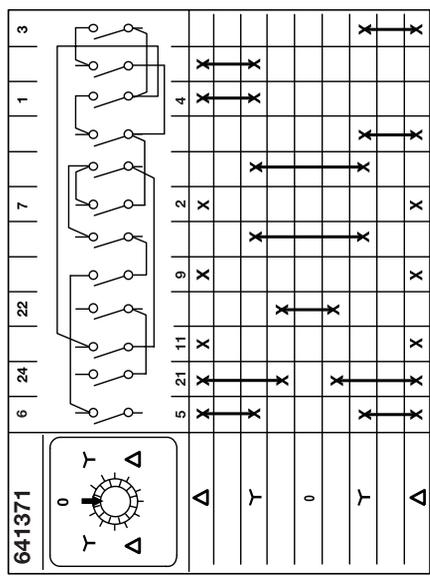


647450, 647407





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 KI = K29 BENEDIKT & JÄGER
 F4 = { U22 20-32A 11kW
 U22 14-22A 7.5kW



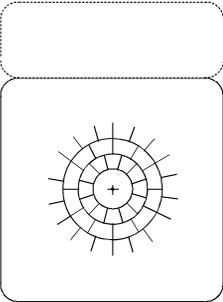
| | |
|---|--------|
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| Suunn. / Pirt. / VA / 6.3.2007 / Tark. | | Pöytäkirja / 1/1 | | Keskustelu / Työnumero | |
| Y. D. -SUUNNANVAIHTO KÄYNNISTIMEN JOHDOTUSPIIRUSTUS | | UTU ELEC OY PL 20, 28401 ULVILA Puh. 02-550 800 Fax. 02-550 8553 | | SÄH 00375.1 | |

Tilauslomake

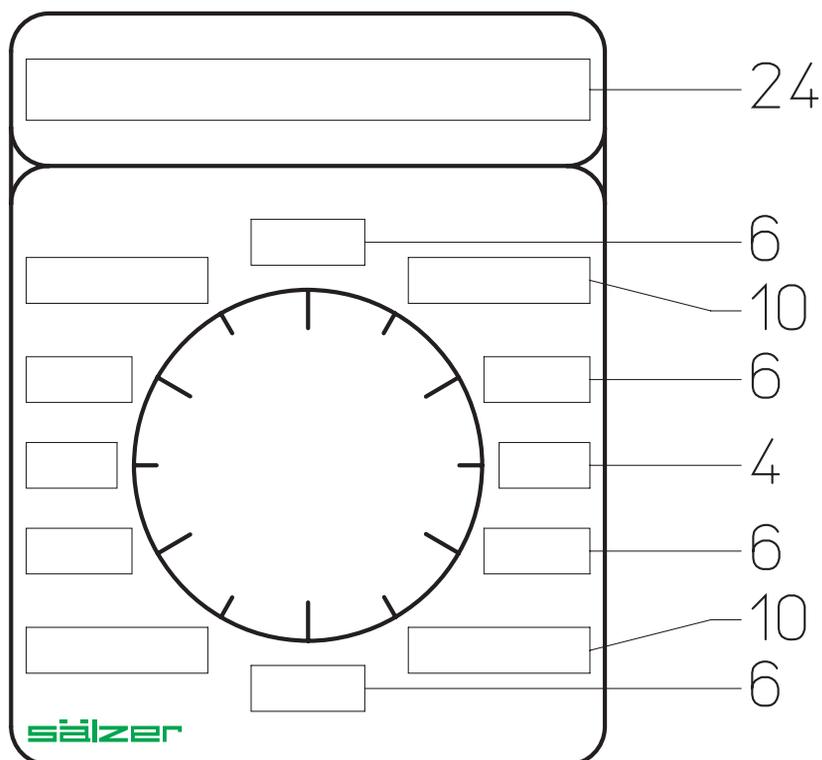
Tällä lomakkeella voit lähettää meille oman erikoskytkimesi tilauksen

tilaus tarjouspyyntö

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| Kytkenäkulma ° (30, 60 tai 90°) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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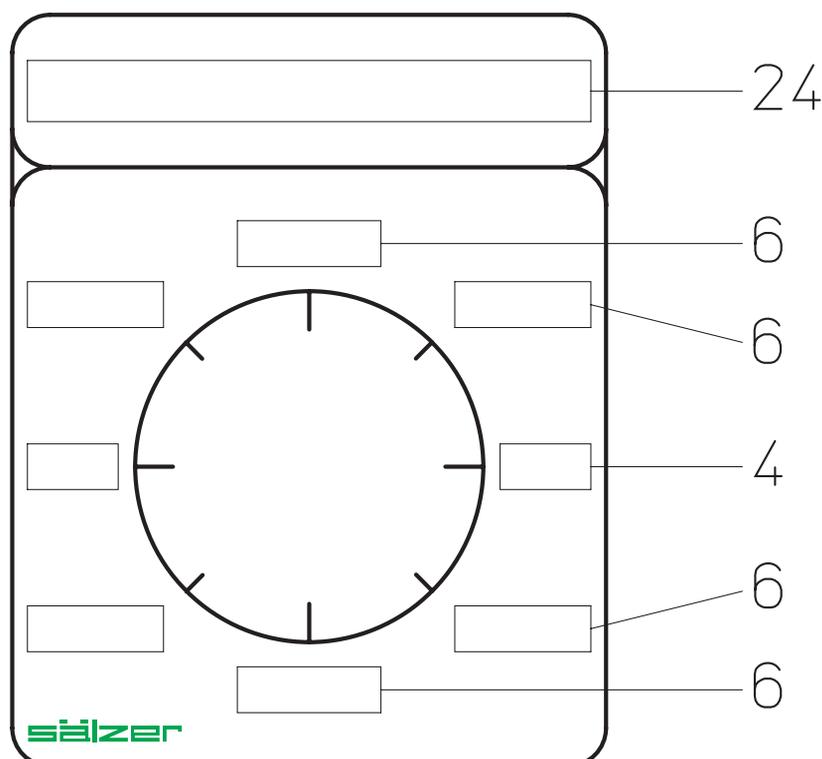
FAX
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30°/60°



FAX
FAZ

45°/90°



Tällä lomakkeella voit tilata erikoiskilvet.

Sälzer

Nokka- ja turvakytkimet

• Nokkakytkimet:

Sälzerillä on varsin laaja valikoima nokkakytkimiä: 10 - 315 A (AC21), yli 70 vakiorakennetta, n. 200 vakiotoimintoa.

Mikäli 300 000:n vakiokytkimen joukosta ei löydy oikeaa, se voidaan koota. Näitä erikoiskytkimiä kootaan joko Saksassa tai myös UTU Powel OY Keravalla pystytään kokoamaan jopa 20 A:n kytkimen haluamallaan etulevyn kaiveruksella.

• Turvakytkimet:

Uusi H-sarja on nyt erittäin kattava: 10 - 315 A.

Uudistuksien myötä Sälzerin turvakytkimien toiminnallinen laatu on pystytty nostamaan vieläkin korkeammalle ja kustannustehokkaamman valmistusprosessin ansiosta hinnat ovat miellyttävä yllätys.

Muutamia ominaisuuksia:

- 2 - 6 napaiset kytkimet
- eri kiinnitystavat
- koteloidut kytkimet IP66 muovi ja teräs
- monipuoliset lisävarusteet

Toimiva ja turvallinen laatutuote.



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Komponentit

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Puh. (09) 274 6411 • Faksi (09) 274 64141
Sähköposti: komponentit@urhotuominen.fi
Kotisivu: www.urhotuominen.fi/powel

JÄLLEENMYynti: