

# Disconnect Switches

## Technical Information Switching diagrams

### Switching diagrams 41200–41311

#### Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, 2 pole

<b>41200</b>	1/L1   3/L2   5/L3
SMD	41200

Switching programme 41200  
2 pole without auxiliary contacts

<b>41211</b>	1/L1   3/L2   5/L3	21   13
SMD	41200	MB

Switching programme 41211  
2 pole with 2 auxiliary contacts  
1 n/o late make/early break + 1 n/c

<b>41220</b>	1/L1   3/L2   5/L3	33   43
SMD	41200	MD

Switching programme 41220  
2 pole with 2 auxiliary contacts  
2 n/o late make/early break

<b>41222</b>	24   32	1/L1   3/L2   5/L3	21   13
SMD	MC	41200	MB

Switching programme 41222  
2 pole with 4 auxiliary contacts  
2 n/o late make/early break + 2 n/c

<b>41231</b>	44   34	1/L1   3/L2   5/L3	21   13
SMD	MD	41200	MB

Switching programme 41231  
2 pole with 4 auxiliary contacts  
3 n/o late make/early break + 1 n/c

<b>41240</b>	64   54	1/L1   3/L2   5/L3	33   43
SMD	ME	41200	MD

Switching programme 41240  
2 pole with 4 auxiliary contacts  
4 n/o late make/early break

#### Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, 3 pole

<b>41300</b>	1/L1   3/L2   5/L3
SMD	41300

Switching programme 41300  
3 pole without auxiliary contacts

<b>41311</b>	1/L1   3/L2   5/L3	21   13
SMD	41300	MB

Switching programme 41311  
3 pole with 2 auxiliary contacts  
1 n/o late make/early break + 1 n/c

## Switching diagrams 41320–41420

## Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, 3 pole

<b>41320</b>	1/L1   3/L2   5/L3	33	43
SMD	2/T1   4/T2   6/T3	34	44
	41300	MD	

Switching programme 41320  
3 pole with 2 auxiliary contacts  
2 n/o late make/early break

<b>41322</b>	24	32	1/L1   3/L2   5/L3	21	13
SMD	23	31	2/T1   4/T2   6/T3	22	14
	MC	41300		MB	

Switching programme 41322  
3 pole with 4 auxiliary contacts  
2 n/o late make/early break + 2 n/c

<b>41331</b>	44	34	1/L1   3/L2   5/L3	21	13
SMD	43	33	2/T1   4/T2   6/T3	22	14
	MD	41300		MB	

Switching programme 41331  
3 pole with 4 auxiliary contacts  
3 n/o late make/early break + 1 n/c

<b>41340</b>	64	54	1/L1   3/L2   5/L3	33	43
SMD	63	53	2/T1   4/T2   6/T3	34	44
	ME	41300		MD	

Switching programme 41340  
3 pole with 4 auxiliary contacts  
4 n/o late make/early break

## Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, 4 pole

<b>41400</b>	1/L1   3/L2   5/L3	N
SMD	2/T1   4/T2   6/T3	N
	41300	MA

Switching programme 41400  
4 pole without auxiliary contacts  
Neutral contact early make/late break

<b>41411</b>	14	22	1/L1   3/L2   5/L3	N
SMD	13	21	2/T1   4/T2   6/T3	N
	MB	41300		MA

Switching programme 41411  
4 pole with 2 auxiliary contacts  
1 n/o late make/early break + 1 n/c  
Neutral contact early make/late break

<b>41420</b>	44	34	1/L1   3/L2   5/L3	N
SMD	43	33	2/T1   4/T2   6/T3	N
	MD	41300		MA

Switching programme 41420  
4 pole with 2 auxiliary contacts  
2 n/o late make/early break  
Neutral contact early make/late break

# Disconnect Switches

## Technical Information Switching diagrams

### Switching diagrams 41600–41800

#### Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, 6 pole

<b>41600</b>	1L1   1L2   1L3   2L1   2L2   2L3
	1T1   1T2   1T3   2T1   2T2   2T3
SMD	41600

Switching programme 41600  
6 pole without auxiliary contacts

<b>41611</b>	1L1   1L2   1L3   2L1   2L2   2L3	21   13
	1T1   1T2   1T3   2T1   2T2   2T3	22   14
SMD	41600	MB

Switching programme 41611  
6 pole with 2 auxiliary contacts  
1 n/o late make/early break + 1 n/c

<b>41620</b>	1L1   1L2   1L3   2L1   2L2   2L3	33   43
	1T1   1T2   1T3   2T1   2T2   2T3	34   44
SMD	41600	MD

Switching programme 41620  
6 pole with 2 auxiliary contacts  
2 n/o late make/early break

<b>41622</b>	24   32	1L1   1L2   1L3   2L1   2L2   2L3	21   13
	23   31	1T1   1T2   1T3   2T1   2T2   2T3	22   14
SMD	MC	41600	MB

Switching programme 41622  
6 pole with 4 auxiliary contacts  
2 n/o late make/early break + 2 n/c

<b>41631</b>	44   34	1L1   1L2   1L3   2L1   2L2   2L3	21   13
	43   33	1T1   1T2   1T3   2T1   2T2   2T3	22   14
SMD	MD	41600	MB

Switching programme 41631  
6 pole with 4 auxiliary contacts  
3 n/o late make/early break + 1 n/c

<b>41640</b>	64   54	1L1   1L2   1L3   2L1   2L2   2L3	33   43
	63   53	1T1   1T2   1T3   2T1   2T2   2T3	34   44
SMD	ME	41600	MD

Switching programme 41640  
6 pole with 4 auxiliary contacts  
4 n/o late make/early break

#### ON-OFF Switches, 8 pole

<b>41800</b>	N	1L1   1L2   1L3   2L1   2L2   2L3	N
	N	1T1   1T2   1T3   2T1   2T2   2T3	N
SMD	MA	41600	MA

Switching programme 41800  
8 pole without auxiliary contacts  
2 neutral contacts early make/late break

## Switching diagrams 42400–42800

## Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, with main contact module

<b>42400</b>	1/L1   3/L2   5/L3	7
SMD	41300	MO

Switching programme 42400  
4 pole without auxiliary contacts

<b>42411</b>	14   22	1/L1   3/L2   5/L3	7
SMD	MB	41300	MO

Switching programme 42411  
4 pole with 2 auxiliary contacts  
1 n/o late make/early break + 1 n/c

<b>42420</b>	44   34	1/L1   3/L2   5/L3	7
SMD	MD	41300	MO

Switching programme 42420  
4 pole with 2 auxiliary contacts  
2 n/o late make/early break

<b>42500</b>	9	1/L1   3/L2   5/L3	7
SMD	MP	41300	MO

Switching programme 42500  
5 pole without auxiliary contacts

<b>42700</b>	1/L1   1/L2   1/L3	2/L1   2/L2   2/L3	7
SMD	41600		MO

Switching programme 42700  
7 pole without auxiliary contacts

<b>42711</b>	14   22	1/L1   1/L2   1/L3	2/L1   2/L2   2/L3	7
SMD	MB	41600		MO

Switching programme 42711  
7 pole with 2 auxiliary contacts  
1 n/o late make/early break + 1 n/c

<b>42720</b>	44   34	1/L1   1/L2   1/L3	2/L1   2/L2   2/L3	7
SMD	MD	41600		MO

Switching programme 42720  
7 pole with 2 auxiliary contacts  
2 n/o late make/early break

<b>42800</b>	9	1/L1   1/L2   1/L3	2/L1   2/L2   2/L3	7
SMD	MP	41600		MO

Switching programme 42800  
8 pole without auxiliary contacts

# Disconnect Switches

## Technical Information Switching diagrams

### Switching diagrams 45300–47200

#### Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, with N and PE-terminal

<b>45300</b>	PE	1/L1	3/L2	5/L3	N
SMD	MG	41300			MF

Switching programme 45300  
3 pole without auxiliary contacts  
with N and PE-terminal

<b>45311</b>	PE	N	1/L1	3/L2	5/L3	21	13
SMD	MG	MF	41300			MB	

Switching programme 45311  
3 pole with 2 auxiliary contacts  
1 n/o late make/early break + 1 n/c  
with N and PE-terminal

<b>45320</b>	PE	N	1/L1	3/L2	5/L3	33	43
SMD	MG	MF	41300			MD	

Switching programme 45320  
3 pole with 2 auxiliary contacts  
2 n/o late make/early break  
with N and PE-terminal

#### Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, with N-terminal

<b>46300</b>	1/L1	3/L2	5/L3	N
SMD	41300			MF

Switching programme 46300  
3 pole without auxiliary contacts  
with N-terminal

<b>46311</b>	14	22	1/L1	3/L2	5/L3	N
SMD	MB		41300			MF

Switching programme 46311  
3 pole with 2 auxiliary contacts  
1 n/o late make/early break + 1 n/c  
with N-terminal

<b>46320</b>	44	34	1/L1	3/L2	5/L3	N
SMD	MD		41300			MF

Switching programme 46320  
3 pole with 2 auxiliary contacts  
2 n/o late make/early break  
with N-terminal

#### Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, with PE-terminal

<b>47200</b>	1/L1	3/L2	5/L3	PE
SMD	41200			MG

Switching programme 47200  
2 pole without auxiliary contacts  
with PE-terminal

## Disconnect Switches

## Technical Information Switching diagrams

## Switching diagrams 47211–71200

## Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, with PE-terminal

<b>47211</b>	14	22	1/L1	3/L2	5/L3	PE
	13	21	2/T1	4/T2	6/T3	PE
SMD	MB	41200		MG		

Switching programme 47211  
2 pole with 2 auxiliary contacts  
1 n/o late make/early break + 1 n/c  
with PE-terminal

<b>47220</b>	44	34	1/L1	3/L2	5/L3	PE
	43	33	2/T1	4/T2	6/T3	PE
SMD	MD	41200		MG		

Switching programme 47220  
2 pole with 2 auxiliary contacts  
2 n/o late make/early break  
with PE-terminal

<b>47300</b>	1/L1	3/L2	5/L3	PE
	2/T1	4/T2	6/T3	PE
SMD	41300		MG	

Switching programme 47300  
3 pole without auxiliary contacts  
with PE-terminal

<b>47311</b>	14	22	1/L1	3/L2	5/L3	PE
	13	21	2/T1	4/T2	6/T3	PE
SMD	MB	41300		MG		

Switching programme 47311  
3 pole with 2 auxiliary contacts  
1 n/o late make/early break + 1 n/c  
with PE-terminal

<b>47320</b>	44	34	1/L1	3/L2	5/L3	PE
	43	33	2/T1	4/T2	6/T3	PE
SMD	MD	41300		MG		

Switching programme 47320  
3 pole with 2 auxiliary contacts  
2 n/o late make/early break  
with PE-terminal

<b>47400</b>	N	1/L1	3/L2	5/L3	PE	
	N	2/T1	4/T2	6/T3	PE	
SMD	MA	41300		MG		

Switching programme 47400  
4 pole without auxiliary contacts  
Neutral contact early make/late break  
with PE-terminal

<b>48400</b>	9	1/L1	3/L2	5/L3	PE	
	0	2/T1	4/T2	6/T3	PE	
SMD	MP	41300		MG		

Switching programme 48400  
4 pole without auxiliary contacts  
with PE-terminal

## Changeover Switches, 2 pole

<b>71200</b>	1/L1	1/L2	1/L3	2/L1	2/L2	2/L3
	1/T1	1/T2	1/T3	2/T1	2/T2	2/T3
SMD	71200					

Switching programme 71200  
2 pole without auxiliary contacts

# Disconnect Switches

## Technical Information Switching diagrams

### Switching diagrams 71201–71222

#### Changeover Switches, 2 pole

<b>71201</b>	1L1   1L2   1L3   2L1   2L2   2L3	21   13	Stellung/Position
SMD	1T1   1T2   1T3   2T1   2T2   2T3	22   14	MB   2

Switching programme 71201  
 2 pole with 2 auxiliary contacts  
 1 n/o late make/early break + 1 n/c in position 2

<b>71202</b>	1L1   1L2   1L3   2L1   2L2   2L3	33   43	Stellung/Position
SMD	1T1   1T2   1T3   2T1   2T2   2T3	34   44	MD   2

Switching programme 71202  
 2 pole with 2 auxiliary contacts  
 2 n/o late make/early break in position 2

<b>71210</b>	14   22	1L1   1L2   1L3   2L1   2L2   2L3	Stellung/Position
SMD	13   21	1T1   1T2   1T3   2T1   2T2   2T3	1   MB   71200

Switching programme 71210  
 2 pole with 2 auxiliary contacts  
 1 n/o late make/early break + 1 n/c in position 1

<b>71211</b>	14   22	1L1   1L2   1L3   2L1   2L2   2L3	31   23	Stellung/Position
SMD	13   21	1T1   1T2   1T3   2T1   2T2   2T3	32   24	1   MB   71200   MC   2

Switching programme 71211  
 2 pole with 4 auxiliary contacts  
 1 n/o late make/early break + 1 n/c in position 1  
 1 n/o late make/early break + 1 n/c in position 2

<b>71212</b>	14   22	1L1   1L2   1L3   2L1   2L2   2L3	33   43	Stellung/Position
SMD	13   21	1T1   1T2   1T3   2T1   2T2   2T3	34   44	1   MB   71200   MD   2

Switching programme 71212  
 2 pole with 4 auxiliary contacts  
 1 n/o late make/early break + 1 n/c in position 1  
 2 n/o late make/early break in position 2

<b>71220</b>	44   34	1L1   1L2   1L3   2L1   2L2   2L3	Stellung/Position
SMD	43   33	1T1   1T2   1T3   2T1   2T2   2T3	1   MD   71200

Switching programme 71220  
 2 pole with 2 auxiliary contacts  
 2 n/o late make/early break in position 1

<b>71221</b>	44   34	1L1   1L2   1L3   2L1   2L2   2L3	21   13	Stellung/Position
SMD	43   33	1T1   1T2   1T3   2T1   2T2   2T3	22   14	1   MD   71200   MB   2

Switching programme 71221  
 2 pole with 4 auxiliary contacts  
 2 n/o late make/early break in position 1  
 1 n/o late make/early break + 1 n/c in position 2

<b>71222</b>	44   34	1L1   1L2   1L3   2L1   2L2   2L3	53   63	Stellung/Position
SMD	43   33	1T1   1T2   1T3   2T1   2T2   2T3	54   64	1   MD   71200   ME   2

Switching programme 71222  
 2 pole with 4 auxiliary contacts  
 2 n/o late make/early break in position 1  
 2 n/o late make/early break in position 2

## Switching diagrams 71300–71321

### Changeover Switches, 3 pole

<b>71300</b>	1L1   1L2   1L3   2L1   2L2   2L3	
	1T1   1T2   1T3   2T1   2T2   2T3	
SMD	71300	

Switching programme 71300  
3 pole without auxiliary contacts

<b>71301</b>	1L1   1L2   1L3   2L1   2L2   2L3	21   13	Stellung/Position
	1T1   1T2   1T3   2T1   2T2   2T3	22   14	
SMD	71300	MB	2

Switching programme 71301  
3 pole with 2 auxiliary contacts  
1 n/o late make/early break + 1 n/c in position 2

<b>71302</b>	1L1   1L2   1L3   2L1   2L2   2L3	33   43	Stellung/Position
	1T1   1T2   1T3   2T1   2T2   2T3	34   44	
SMD	71300	MD	2

Switching programme 71302  
3 pole with 2 auxiliary contacts  
2 n/o late make/early break in position 2

<b>71310</b>	14   22	1L1   1L2   1L3   2L1   2L2   2L3	Stellung/Position
	13   21	1T1   1T2   1T3   2T1   2T2   2T3	
SMD	1	MB	71300

Switching programme 71310  
3 pole with 2 auxiliary contacts  
1 n/o late make/early break + 1 n/c in position 1

<b>71311</b>	14   22	1L1   1L2   1L3   2L1   2L2   2L3	31   23	Stellung/Position	
	13   21	1T1   1T2   1T3   2T1   2T2   2T3	32   24		
SMD	1	MB	71300	MC	2

Switching programme 71311  
3 pole with 4 auxiliary contacts  
1 n/o late make/early break + 1 n/c in position 1  
1 n/o late make/early break + 1 n/c in position 2

<b>71312</b>	14   22	1L1   1L2   1L3   2L1   2L2   2L3	33   43	Stellung/Position	
	13   21	1T1   1T2   1T3   2T1   2T2   2T3	34   44		
SMD	1	MB	71300	MD	2

Switching programme 71312  
3 pole with 4 auxiliary contacts  
1 n/o late make/early break + 1 n/c in position 1  
2 n/o late make/early break in position 2

<b>71320</b>	44   34	1L1   1L2   1L3   2L1   2L2   2L3	Stellung/Position
	43   33	1T1   1T2   1T3   2T1   2T2   2T3	
SMD	1	MD	71300

Switching programme 71320  
3 pole with 2 auxiliary contacts  
2 n/o late make/early break in position 1

<b>71321</b>	44   34	1L1   1L2   1L3   2L1   2L2   2L3	21   13	Stellung/Position	
	43   33	1T1   1T2   1T3   2T1   2T2   2T3	22   14		
SMD	1	MD	71300	MB	2

Switching programme 71321  
3 pole with 4 auxiliary contacts  
2 n/o late make/early break in position 1  
1 n/o late make/early break + 1 n/c in position 2



# Disconnect Switches

## Technical Information Switching diagrams

### Switching diagrams 71322–73500

#### Changeover Switches, 3 pole

<b>71322</b>	44	34	1L1	1L2	1L3	2L1	2L2	2L3	53	63	Stellung/Position
SMD	1	MD	71300						ME	2	Stellung/Position

Switching programme 71322  
 3 pole with 4 auxiliary contacts  
 2 n/o late make/early break in position 1  
 2 n/o late make/early break in position 2

#### Changeover Switches, 4 pole

<b>71400</b>	N	1L1	1L2	1L3	2L1	2L2	2L3	N	Stellung/Position
SMD	MA	71300						MA	

Switching programme 71400  
 4 pole without auxiliary contacts  
 Neutral contact early make/late break

<b>71500</b>	N	1L1	1L2	1L3	2L1	2L2	2L3	N	Stellung/Position
SMD	MA	71300						MA	

Switching programme 71500  
 4 pole without auxiliary contacts  
 Neutral contact early make/late break  
 neutral jumper

<b>73500</b>	9	1L1	1L2	1L3	2L1	2L2	2L3	7	Stellung/Position
SMD	MP	71300						MO	

Switching programme 73500  
 4 pole without auxiliary contacts  
 neutral jumper main contact modules

#### Changeover Switches, 3 and 4 pole

<b>72300</b>	1L1	1L2	1L3	2L1	2L2	2L3	Stellung/Position
SMD	72300						

Switching programme 72300  
 3 pole without auxiliary contacts  
 without jumpers

<b>72400</b>	9	1L1	1L2	1L3	2L1	2L2	2L3	7	Stellung/Position
SMD	MP	72300						MO	

Switching programme 72400  
 4 pole without auxiliary contacts  
 without jumpers

<b>73400</b>	9	1L1	1L2	1L3	2L1	2L2	2L3	7	Stellung/Position
SMD	MP	71300						MO	

Switching programme 73400  
 3 pole without auxiliary contacts  
 without neutral jumper main contact modules