

## Switching programs

| Description                  | Wiring diagram | Switching angle | Number of cells<br>↓<br>Size<br>↓<br><b>AC21</b> | Type                                                                                | Design<br>see page 6-8<br><b>E. Z. V. SMA. P. G.</b>                                                                                             | Switch<br>pro-<br>gram                                                                                                                                                                                                            | Escutcheon<br>plate |
|------------------------------|----------------|-----------------|--------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>Changeover switches U</b> |                |                 |                                                  |                                                                                     |                                                                                                                                                  |                                                                                                                                                                                                                                   |                     |
| 1-pole                       |                | 60°             | 1                                                | 48 □ 20A<br>32A<br>64 □ 32A<br>50A<br>88 □ 63A<br>90A<br>115A<br>132 □ 150A<br>250A | <b>M10H .</b><br><b>M20 .</b><br><b>N20 .</b><br><b>N33F .</b><br><b>N40 .</b><br><b>N61 .</b><br><b>N80 .</b><br><b>N100 .</b><br><b>N200 .</b> | <b>x x x x x<sup>1)</sup> . U1</b><br><b>x x x x - - . U1</b><br><b>x - x - x x . U1</b><br><b>x x x - x - . U1</b><br><b>x - x - x - . U1</b><br><b>x - x - x - . U1</b><br><b>x - x - - - . U1</b><br><b>x - x - - - . U1</b>   | <br><b>+007</b><br> |
| 2-pole                       |                | 60°             | 2                                                | 48 □ 20A<br>32A<br>64 □ 32A<br>50A<br>88 □ 63A<br>90A<br>115A<br>132 □ 150A<br>250A | <b>M10H .</b><br><b>M20 .</b><br><b>N20 .</b><br><b>N33F .</b><br><b>N40 .</b><br><b>N61 .</b><br><b>N80 .</b><br><b>N100 .</b><br><b>N200 .</b> | <b>x x x x x<sup>1)</sup> - . U2</b><br><b>x x x x - - . U2</b><br><b>x - x - x x . U2</b><br><b>x x x - x - . U2</b><br><b>x - x - x - . U2</b><br><b>x - x - x - . U2</b><br><b>x - x - - - . U2</b><br><b>x - x - - - . U2</b> | <br><b>+007</b><br> |
| 3-pole                       |                | 60°             | 3                                                | 48 □ 20A<br>32A<br>64 □ 32A<br>50A<br>88 □ 63A<br>90A<br>115A<br>132 □ 150A<br>250A | <b>M10H .</b><br><b>M20 .</b><br><b>N20 .</b><br><b>N33F .</b><br><b>N40 .</b><br><b>N61 .</b><br><b>N80 .</b><br><b>N100 .</b><br><b>N200 .</b> | <b>x x x x x<sup>1)</sup> - . U3</b><br><b>x x x x - - . U3</b><br><b>x - x - x x . U3</b><br><b>x x x - x - . U3</b><br><b>x - x - x - . U3</b><br><b>x - x - x - . U3</b><br><b>x - x - - - . U3</b><br><b>x - x - - - . U3</b> | <br><b>+007</b><br> |
| 4-pole<br>4. pole early make |                | 60°             | 4                                                | 48 □ 20A<br>32A<br>64 □ 32A<br>50A<br>88 □ 63A<br>90A<br>115A<br>132 □ 150A<br>250A | <b>M10H .</b><br><b>M20 .</b><br><b>N20 .</b><br><b>N33F .</b><br><b>N40 .</b><br><b>N61 .</b><br><b>N80 .</b><br><b>N100 .</b><br><b>N200 .</b> | <b>x x x x x<sup>1)</sup> - . U4</b><br><b>x x x x - - . U4</b><br><b>x - x - x x . U4</b><br><b>x - x - x - . U4</b><br><b>x - x - x - . U4</b><br><b>x - x - x - . U4</b><br><b>x - x - - - . U4</b><br><b>x - x - - - . U4</b> | <br><b>+007</b><br> |
| 6-pole                       |                | 60°             | 6                                                | 48 □ 20A<br>32A<br>64 □ 32A<br>50A<br>88 □ 63A<br>90A<br>115A<br>132 □ 150A<br>250A | <b>M10H .</b><br><b>M20 .</b><br><b>N20 .</b><br><b>N33F .</b><br><b>N40 .</b><br><b>N61 .</b><br><b>N80 .</b><br><b>N100 .</b><br><b>N200 .</b> | <b>x x x - x<sup>1)</sup> - . U6</b><br><b>x x x - - - . U6</b><br><b>x - x - x x . U6</b><br><b>x - x - x - . U6</b><br><b>x - x - x - . U6</b><br><b>x - x - x - . U6</b><br><b>x - x - - - . U6</b><br><b>x - x - - - . U6</b> | <br><b>+007</b><br> |

**Ordering example:** AC21 250A panel mounting, changeover switch 6-pole, Escutcheon plate 1 - OFF - 2 **N200 E U6+007**

1) Plastic enclosed switches are delivered with switch type M10.