

Switching programs

Description	Wiring diagram	Switching angle	Number of cells ↓ Size ↓ AC21	Type	Design see page 6-8 E. Z. V. SMA. P. G.	Switch pro- gram	Escutcheon plate
Ammeter selector switches M							
1-pole, for current transformer		90°	1	48 □ 20A 32A	M10H . x x x x x ¹⁾ - . M11 M20 . x x x x - - . M11		
				64 □ 32A 50A	N20 . x - x - x x . M11 N33F . x x x - x - . M11		
				88 □ 63A	N40 . x - x - x - . M11		
2-pole, for 1 current transformer or direct current measurement		90°	2	48 □ 20A 32A	M10H . x x x x x ¹⁾ - . M12 M20 . x x x x - - . M12		
				64 □ 32A 50A	N20 . x - x - x x . M12 N33F . x x x - x - . M12		
				88 □ 63A 90A 115A	N40 . x - x - x - . M12 N60 . x - x - x - . M12 N80 . x - x - - - . M12		
				132 □ 150A 250A	N100 . x - x - - - . M12 N200 . x - x - - - . M12		
1-pole, for 2 current transformers		90°	2	48 □ 20A 32A	M10H . x x x x x ¹⁾ - . M21 M20 . x x x x - - . M21		
				64 □ 32A 50A	N20 . x - x - x x . M21 N33F . x x x - x - . M21		
				88 □ 63A	N40 . x - x - x - . M21		
2-pole, for 2 current transformers or direct current measurement in 2 phases		90°	3	48 □ 20A 32A	M10H . x x x x x ¹⁾ - . M22 M20 . x x x x - - . M22		
				64 □ 32A 50A	N20 . x - x - x x . M22 N33F . x x x - x - . M22		
				88 □ 63A 90A 115A	N40 . x - x - x - . M22 N60 . x - x - x - . M22 N80 . x - x - - - . M22		
				132 □ 150A 250A	N100 . x - x - - - . M22 N200 . x - x - - - . M22		
1-pole, for 3 current transformers		90°	3	48 □ 20A 32A	M10H . x x x x x ¹⁾ - . M31 M20 . x x x x - - . M31		
				64 □ 32A 50A	N20 . x - x - x x . M31 N33F . x - x - x - . M31		
				88 □ 63A	N40 . x - x - x - . M31		

Ordering example: AC21 63A panel mounting, ammeter selector switch, for 3 current transformers 1-pole

N40 V M31

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