6 000
3

2

6 kA
70 mm mounting depth

Area of application

- U_n: 230/400 V, 50-60 Hz, applicable in networks up to AC 250/440 V, DC 60 V per pole
- Standards EN 60898, DIN VDE 0641 Part 11, IEC 60898
- Supplementary components can be retrofitted.

Characteristic C

General line protection, especially advantageous with higher in-rush currents (lamps, motors, etc.).

Characteristic D

Tripping range adapted to operating equipment involving significant pulse generation (transformers, solenoid valves).

Selection and ordering data

		I_n	MW	DC	Characteristic C	Pack. unit*	Weight per unit approx.	DC	Characteristic D	Pack. unit*	Weight per unit approx.
					Order No.				Order No.		
		A					kg				kg
	**1-pole** 	0.3	1	C	**5SY6 114-7**	12	0.165	C	**5SY6 114-8**	12	0.165
		0.5		A	**5SY6 105-7**	12	0.165	C	**5SY6 105-8**	12	0.165
		1		A	**5SY6 101-7**	12	0.165	A	**5SY6 101-8**	12	0.165
		1.6		B	**5SY6 115-7**	12	0.165	C	**5SY6 115-8**	12	0.147
		2		A	**5SY6 102-7**	12	0.165	A	**5SY6 102-8**	12	0.165
		3		A	**5SY6 103-7**	12	0.165	A	**5SY6 103-8**	12	0.165
		4		A	**5SY6 104-7**	12	0.165	A	**5SY6 104-8**	12	0.165
		6		A	**5SY6 106-7**	12	0.165	A	**5SY6 106-8**	12	0.165
		8		A	**5SY6 108-7**	12	0.165	A	**5SY6 108-8**	12	0.165
		10		A	**5SY6 110-7**	12	0.165	A	**5SY6 110-8**	12	0.165
		13		A	**5SY6 113-7**	12	0.165	C	**5SY6 113-8**	12	0.165
		16		A	**5SY6 116-7**	12	0.165	A	**5SY6 116-8**	12	0.165
		20		A	**5SY6 120-7**	12	0.165	A	**5SY6 120-8**	12	0.165
		25		A	**5SY6 125-7**	12	0.165	A	**5SY6 125-8**	12	0.165
		32[1]		A	**5SY6 132-7**	12	0.165	C	**5SY6 132-8**	12	0.165
		40		A	**5SY6 140-7**	12	0.165	C	**5SY6 140-8**	12	0.165
		50		A	**5SY6 150-7**	12	0.165	C	**5SY6 150-8**	12	0.165
		63		A	**5SY6 163-7**	12	0.165	C	**5SY6 163-8**	12	0.165
	**1-pole + N** 	0.3	2	A	**5SY6 514-7**	6	0.330	C	**5SY6 514-8**	6	0.330
		0.5		A	**5SY6 505-7**	6	0.330	C	**5SY6 505-8**	6	0.330
		1		C	**5SY6 501-7**	6	0.330	C	**5SY6 501-8**	6	0.330
		1.6		C	**5SY6 515-7**	6	0.330	C	**5SY6 515-8**	6	0.330
		2		A	**5SY6 502-7**	6	0.330	C	**5SY6 502-8**	6	0.330
		3		C	**5SY6 503-7**	6	0.330	C	**5SY6 503-8**	6	0.330
		4		A	**5SY6 504-7**	6	0.330	C	**5SY6 504-8**	6	0.330
		6		A	**5SY6 506-7**	6	0.330	C	**5SY6 506-8**	6	0.330
		8		C	**5SY6 508-7**	6	0.330	C	**5SY6 508-8**	6	0.330
		10		A	**5SY6 510-7**	6	0.330	C	**5SY6 510-8**	6	0.330
		13		A	**5SY6 513-7**	6	0.330	C	**5SY6 513-8**	6	0.330
		16		A	**5SY6 516-7**	6	0.330	C	**5SY6 516-8**	6	0.330
		20		A	**5SY6 520-7**	6	0.330	C	**5SY6 520-8**	6	0.330
		25		A	**5SY6 525-7**	6	0.330	C	**5SY6 525-8**	6	0.330
		32		A	**5SY6 532-7**	6	0.330	C	**5SY6 532-8**	6	0.330
		40		A	**5SY6 540-7**	6	0.330	C	**5SY6 540-8**	6	0.330
		50		A	**5SY6 550-7**	6	0.330	C	**5SY6 550-8**	6	0.330
		63		C	**5SY6 563-7**	6	0.330	C	**5SY6 563-8**	6	0.330
	**2-pole** 	0.3	2	C	**5SY6 214-7**	6	0.330	C	**5SY6 214-8**	6	0.330
		0.5		A	**5SY6 205-7**	6	0.330	A	**5SY6 205-8**	6	0.330
		1		A	**5SY6 201-7**	6	0.330	A	**5SY6 201-8**	6	0.330
		1.6		B	**5SY6 215-7**	6	0.330	A	**5SY6 215-8**	6	0.330
		2		A	**5SY6 202-7**	6	0.330	A	**5SY6 202-8**	6	0.330
		3		A	**5SY6 203-7**	6	0.330	A	**5SY6 203-8**	6	0.330
		4		A	**5SY6 204-7**	6	0.330	A	**5SY6 204-8**	6	0.330
		6		A	**5SY6 206-7**	6	0.330	A	**5SY6 206-8**	6	0.330
		8		A	**5SY6 208-7**	6	0.330	A	**5SY6 208-8**	6	0.330
		10		A	**5SY6 210-7**	6	0.330	A	**5SY6 210-8**	6	0.330
		13		A	**5SY6 213-7**	6	0.330	C	**5SY6 213-8**	6	0.330
		16		A	**5SY6 216-7**	6	0.330	A	**5SY6 216-8**	6	0.330
		20		A	**5SY6 220-7**	6	0.330	A	**5SY6 220-8**	6	0.330
		25		A	**5SY6 225-7**	6	0.330	A	**5SY6 225-8**	6	0.330
		32		A	**5SY6 232-7**	6	0.330	A	**5SY6 232-8**	6	0.330
		40		A	**5SY6 240-7**	6	0.330	C	**5SY6 240-8**	6	0.330
		50		A	**5SY6 250-7**	6	0.330	C	**5SY6 250-8**	6	0.330
		63		B	**5SY6 263-7**	6	0.330	C	**5SY6 263-8**	6	0.330

1) Also suitable for 21 kW active power at DC 400 V (e.g. continuous-flow water heater with short-time operation) and 7 kW active power at AC 230 V (e.g. hot water storage tank in non-continuous operation). For continuous load applications, the use of miniature circuit-breakers of characteristic B or C and I_n = 40 A is recommended.

All 5SY6 designs have been approved acc. to UL 1077 and CSA 22.2 No. 235-M 89 and can therefore be used as "supplementary protectors" up to AC 277 V (1-pole and 1-pole + N design) and AC 480 V (2-pole, 3-pole, 3-pole + N and 4-pole design).

For supplementary components, please see page 2/57.
For accessories, please see pages 2/60 and 2/61.

*** This quantity or a multiple thereof can be ordered.**