Sales information

Selective main circuit-breaker functionally independent of line voltage

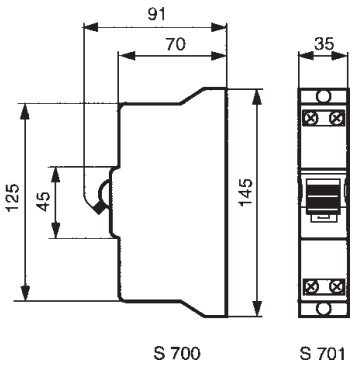


Selective main circuit breaker S 700

Technical data

- Standards: IEC 60947-2
- Number of poles: 1 (multi-pole on request)
- Tripping characteristic: C (acc. to IEC 60898)
  (Thermal tripping 1.13 - 1.45 x I_e
  Electromagnetic tripping) 5 - 10 x I_e (selective tripping)
- Rated Current I_e: 16 - 100 A
- Rated voltage U_e: 230 VAC
- Rated isolation voltage U_i: 690 VAC
- Rated impulse withstand voltage U_{imp}: 6 kV
- Frequency: 50 Hz
- Rated rupturing capacity: $I_{cs}=I_{cu}=25$ kA
- Overvoltage category: IV
- Pollution degree: 3
- Ingress protection: IP 30 (with terminal covers)
- Terminals: 2,5 - 50 mm², stranded conductors
  max. 70 mm²

Dimensions



SK 0044 Z 02

Accessories



Terminal cover, sealable, degree of protection IP 30



SK 0174 B 91

Short circuit discrimination: available up to the values indicated when short circuits occur.

MCBs

Short circuit discrimination in kA

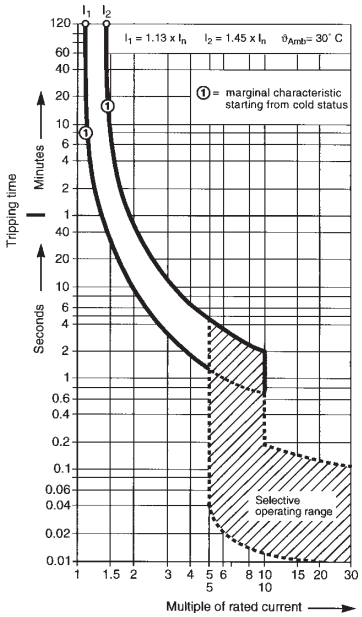


SK 0041 Z 97

selective main circuit breaker S 700

series	I_n A	20	25	35	40	50	63	80	100
S 250-B, C	6	6	6	6	6	6	6	6	6
Current values of less than 6A, as well as 8A, apply only to C-type characteristic.	8	6	6	6	6	6	6	6	6
	10	6	6	6	6	6	6	6	6
	13	6	6	6	6	6	6	6	6
	16		6	6	6	6	6	6	6
	20			6	6	6	6	6	6
	25			6	6	6	6	6	6
	32					6	6	6	6
	40	no discrimination					6	6	6
	50/63							6	6

Tripping diagram S 701 C



SK 0021 Z 02

Selection table

rated current I_n A	order details type code	order code	bbn 40 16779 EAN	Gew. 1 St. Kg	Verp.-einh. St.
16	**S 701-C 16 GRID**	2CD H101 037 R0164	**55089 5**	0,55	3
20	**S 701-C 20 GRID**	2CD H101 037 R0204	**55088 8**	0,55	3
25	**S 701-C 25 GRID**	2CD H101 037 R0254	**55087 1**	0,55	3
35	**S 701-C 35 GRID**	2CD H101 037 R0324	**55086 4**	0,55	3
40	**S 701-C 40 GRID**	2CD H101 037 R0404	**55085 7**	0,55	3
50	**S 701-C 50 GRID**	2CD H101 037 R0504	**55084 0**	0,55	3
63	**S 701-C 63 GRID**	2CD H101 037 R0634	**55083 3**	0,55	3
80	**S 701-C 80 GRID**	2CD H101 037 R0804	**55082 6**	0,55	3
100	**S 701-C 100 GRID**	2CD H101 037 R0824	**55081 9**	0,55	3
	Terminal covers KA 4	GH S700 1913 R0001	**52140 1** ①	0,015	3

① bbn-Nr. 40 12233

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