

FDV dokumentasjon

Atomater S 200M B karakteristik	Typebetegnelse	Delnummer	
	AUTOMAT S201M-B 6	2CDS271001R0065	1664992
	AUTOMAT S201M-B 10	2CDS271001R0105	1664976
	AUTOMAT S201M-B 13	2CDS271001R0135	1664978
	AUTOMAT S201M-B 16	2CDS271001R0165	1664980
	AUTOMAT S201M-B 20	2CDS271001R0205	1664982
	AUTOMAT S201M-B 25	2CDS271001R0255	1664984
	AUTOMAT S201M-B 32	2CDS271001R0325	1664986
	AUTOMAT S201M-B 40	2CDS271001R0405	1664988
	AUTOMAT S201M-B 50	2CDS271001R0505	1664990
	AUTOMAT S201M-B 63	2CDS271001R0635	1664994
	AUTOMAT S201M-B 6 NA	2CDS271103R0065	1664993
	AUTOMAT S201M-B 10 NA	2CDS271103R0105	1664977
	AUTOMAT S201M-B 13 NA	2CDS271103R0135	1664979
	AUTOMAT S201M-B 16 NA	2CDS271103R0165	1664981
	AUTOMAT S201M-B 20 NA	2CDS271103R0205	1664983
	AUTOMAT S201M-B 25 NA	2CDS271103R0255	1664985
	AUTOMAT S201M-B 32 NA	2CDS271103R0325	1664987
	AUTOMAT S201M-B 40 NA	2CDS271103R0405	1664989
	AUTOMAT S201M-B 50 NA	2CDS271103R0505	1664991
	AUTOMAT S201M-B 63 NA	2CDS271103R0635	1664995
	AUTOMAT S202M-B 6	2CDS272001R0065	1665227
	AUTOMAT S202M-B10	2CDS272001R0105	1665229
	AUTOMAT S202M-B 13	2CDS272001R0135	1665220
	AUTOMAT S202M-B 16	2CDS272001R0165	1665221
	AUTOMAT S202M-B 20	2CDS272001R0205	1665222
	AUTOMAT S202M-B 25	2CDS272001R0255	1665223
	AUTOMAT S202M-B 32	2CDS272001R0325	1665224
	AUTOMAT S202M-B 40	2CDS272001R0405	1665225
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	AUTOMAT S202M-B 63	2CDS272001R0635	1665228
	AUTOMAT S203M-B 6	2CDS273001R0065	1665531
	AUTOMAT S203M-B 10	2CDS273001R0105	1665515
	AUTOMAT S203M-B 13	2CDS273001R0135	1665517
	AUTOMAT S203M-B 16	2CDS273001R0165	1665519
	AUTOMAT S203M-B 20	2CDS273001R0205	1665521
	AUTOMAT S203M-B 25	2CDS273001R0255	1665523
	AUTOMAT S203M-B 32	2CDS273001R0325	1665525
	AUTOMAT S203M-B 40	2CDS273001R0405	1665527
	AUTOMAT S203M-B 50	2CDS273001R0505	1665529
	AUTOMAT S203M-B 63	2CDS273001R0635	1665533
	AUTOMAT S203M-B 6 NA	2CDS273103R0065	1665532
	AUTOMAT S203M-B 10 NA	2CDS273103R0105	1665516
	AUTOMAT S203M-B 13 NA	2CDS273103R0135	1665518
	AUTOMAT S203M-B 16 NA	2CDS273103R0165	1665520
	AUTOMAT S203M-B 20 NA	2CDS273103R0205	1665522
	AUTOMAT S203M-B 25 NA	2CDS273103R0255	1665524
	AUTOMAT S203M-B 32 NA	2CDS273103R0325	1665526
	AUTOMAT S203M-B 40 NA	2CDS273103R0405	1665528
	AUTOMAT S203M-B 50 NA	2CDS273103R0505	1665530
	AUTOMAT S203M-B 63 NA	2CDS273103R0635	1665534
	AUTOMAT S204M-B 6	2CDS274001R0065	1665726
	AUTOMAT S204M-B 10	2CDS274001R0105	1665718
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	AUTOMAT S204M-B 20	2CDS274001R0205	1665721
	AUTOMAT S204M-B 25	2CDS274001R0255	1665722
	AUTOMAT S204M-B 32	2CDS274001R0325	1665723
	AUTOMAT S204M-B 40	2CDS274001R0405	1665724
	AUTOMAT S204M-B 50	2CDS274001R0505	1665725
	AUTOMAT S204M-B 63	2CDS274001R0635	1665727

FDV

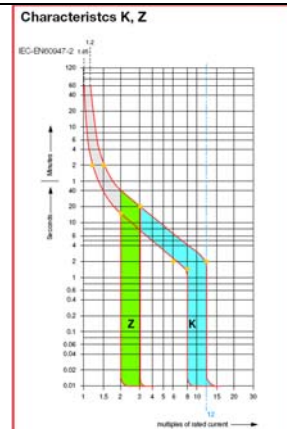
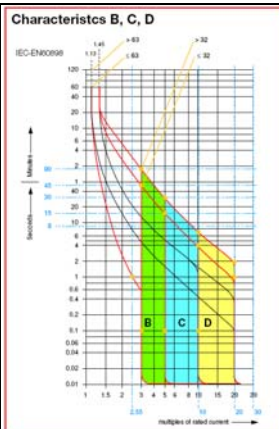
Automatsikringene er produsert og testet i henhold til EN/IEC 60898.

Ingen krav til periodisk vedlikehold.

Tekniske Data

	Icn - values acc. to IEC 898 B/C/D-characteristic		Icu / Ics - values acc. to IEC 947-2 all characteristics					
	1P - 4P (+N)		1P-1P+N			2P-3P-4P		
	Ue/V	Icn/kA	Ue/V	Icu/kA	Ics/kA	Ue/V	Icu/kA	Ics/kA
S200 (0,5...40A)	230 / 400	6	133	20	15	230	20	15
S200 (50, 63 A)	230 / 400	6	230	10	7,5	400	10	7,5
S200 M	230 / 400	10	133	25	18,7	230	25	18,7
S200P (0,2...25 A)	230 / 400	25	230	15	11,2	400	15	11,2
S200P (32...40A)	230 / 400	15	133	40	20	230	40	20
S200P (50, 63A)	230 / 400	15	230	25	12,5	400	25	12,5
			133	25	15	230	25	15
			230	15	10	400	15	10
			133	25	12,5	230	25	12,5
			230	15	7,5	400	15	7,5

Acc. to	Tripping characteristic and rated current	Thermal release ®		Tripping time	Electromagnetic release ®		
		Current: conventional non-tripping c.	conventional tripping c.		Currents: hold current surges	trip at least at	Tripping time
IEC/EN 60898	B 6 to 63 A	$1.13 \cdot I_n$	$1.45 \cdot I_n$	> 1 h < 1 h	$3 \cdot I_n$	$5 \cdot I_n$	> 0.1 s < 0.1 s
	C 0.5 to 63 A	$1.13 \cdot I_n$	$1.45 \cdot I_n$	> 1 h < 1 h	$5 \cdot I_n$	$10 \cdot I_n$	> 0.1 s < 0.1 s
	D 0.5 to 63 A	$1.13 \cdot I_n$	$1.45 \cdot I_n$	> 1 h < 1 h	$10 \cdot I_n$	$20 \cdot I_n$	> 0.1 s < 0.1 s
DIN VDE 0660/9.82	K 0.5 to 63 A	$1.05 \cdot I_n$	$1.2 \cdot I_n$	> 1 h < 1 h	not applicable		
IEC/EN 60947-2 DIN VDE 0660 8/69 Part 101		$1.05 \cdot I_n$		> 2 h < 1 h ® $1.5 \cdot I_n$ $6.0 \cdot I_n$ > 2 s (T1)	$8 \cdot I_n$	$12 \cdot I_n$	> 0.2 s < 0.2 s
	DIN VDE 0660/9.82	Z 0.5 to 63 A	$1.05 \cdot I_n$	$1.2 \cdot I_n$	> 1 h < 1 h	not applicable	
IEC/EN 60947-2 DIN VDE 0660 8/69 Part 101		$1.05 \cdot I_n$		> 2 h < 1 h ® $1.5 \cdot I_n$ $6.0 \cdot I_n$ > 2 s (T1)	$2 \cdot I_n$	$3 \cdot I_n$	> 0.2 s < 0.2 s

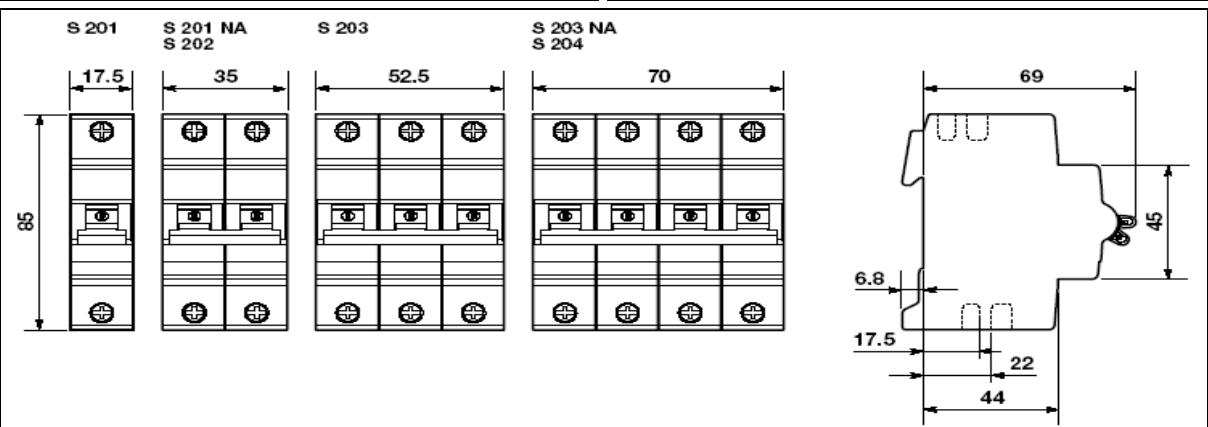


Internal resistance and power loss of the miniature circuit-breakers

Internal resistance per pole in mΩ, power loss per pole in W

Type	Rated current I _n A	Device series B, C, D (1)		K		Z	
		mΩ	W	mΩ	W	mΩ	W
S 200 and S 200 M	0.5	5500	1.4	6340	1.6	10100	2.5
	1	1440	1.4	1550	1.6	2270	2.3
	1.6	690	1.6	695	1.8	1100	2.8
	2	460	1.8	460	1.9	619	2.5
	3	150	1.3	165	1.5	202	1.6
	4	110	1.8	120	2.0	149	2.4
	6	85	2.0	82	1.9	104	3.7
	8	15	1.0	38	2.5	53.9	3.45
	10	13.3	1.3	12.6	1.26	17.5	1.7
	13	13.3	2.3	12.6	1.26	-	-
	16	7.0	1.8	7.7	2.0	10.9	2.6
	20	6.25	2.5	6.7	2.7	6.0	2.4
	25	5.0	3.2	4.6	2.9	4.1	2.6
	32	3.6	3.7	3.5	3.6	2.8	2.9
	40	3.0	4.8	2.8	4.5	2.5	4.1
	50	1.3	3.25	1.25	2.9	1.8	4.4
	63	1.2	4.8	0.7	5.2	1.3	5.2

① Current intensities 0.5 - 4 apply exclusively to C-type trip characteristics.



Produsent	Navn	Adresse	Tlf.	Faks	E-post
	ABB AS	Pb. 797, Brakerøya 3002 Drammen	03500	32858010	post@.no.abb.com