

# FDV dokumentasjon

Atomater	Typebetegnelse	Delnummer	
<b>S 200M</b> C karakteristikk	AUTOMAT S201M-C 0,5	1664996	
	AUTOMAT S201M-C 1	2CDS271001R0984	1664998
	AUTOMAT S201M-C 1,6	2CDS271001R0014	1665000
	AUTOMAT S201M-C 2	2CDS271001R0974	1665008
	AUTOMAT S201M-C 3	2CDS271001R0024	1665014
	AUTOMAT S201M-C 4	2CDS271001R0034	1665018
	AUTOMAT S201M-C 6	2CDS271001R0044	1665024
	AUTOMAT S201M-C 8	2CDS271001R0064	1665028
	AUTOMAT S201M-C 10	2CDS271001R0084	1665028
	AUTOMAT S201M-C 13	2CDS271001R0104	1665002
	AUTOMAT S201M-C 16	2CDS271001R0104	1665004
	AUTOMAT S201M-C 20	2CDS271001R0134	1665006
	AUTOMAT S201M-C 25	2CDS271001R0164	1665010
	AUTOMAT S201M-C 32	2CDS271001R0204	1665012
	AUTOMAT S201M-C 40	2CDS271001R0254	1665016
	AUTOMAT S201M-C 50	2CDS271001R0324	1665020
	AUTOMAT S201M-C 63	2CDS271001R0404	1665022
	AUTOMAT S201M-C 0,5 NA	2CDS271001R0504	1665026
	AUTOMAT S201M-C 1 NA	2CDS271001R0634	1664997
	AUTOMAT S201M-C 1,6 NA	2CDS271103R0984	1664999
	AUTOMAT S201M-C 2 NA	2CDS271103R0014	1665001
	AUTOMAT S201M-C 3 NA	2CDS271103R0974	1665009
	AUTOMAT S201M-C 4 NA	2CDS271103R0024	1665015
	AUTOMAT S201M-C 6 NA	2CDS271103R0034	1665019
	AUTOMAT S201M-C 8 NA	2CDS271103R0044	1665025
	AUTOMAT S201M-C 10 NA	2CDS271103R0064	1665029
	AUTOMAT S201M-C 13 NA	2CDS271103R0084	1665003
	AUTOMAT S201M-C 16 NA	2CDS271103R0104	1665005
	AUTOMAT S201M-C 20 NA	2CDS271103R0134	1665007
	AUTOMAT S201M-C 25 NA	2CDS271103R0164	1665011
	AUTOMAT S201M-C 32 NA	2CDS271103R0204	1665013
	AUTOMAT S201M-C 40 NA	2CDS271103R0254	1665017
	AUTOMAT S201M-C 50 NA	2CDS271103R0324	1665021
	AUTOMAT S201M-C 63 NA	2CDS271103R0404	1665023
	AUTOMAT S202M-C 0,5	2CDS271103R0504	1665027
	AUTOMAT S202M-C 1	2CDS271103R0634	1665230
	AUTOMAT S202M-C 1,6	2CDS272001R0984	1665231
	AUTOMAT S202M-C 2	2CDS272001R0014	1665232
	AUTOMAT S202M-C 3	2CDS272001R0974	1665236
	AUTOMAT S202M-C 4	2CDS272001R0024	1665239
	AUTOMAT S202M-C 6	2CDS272001R0034	1665241
	AUTOMAT S202M-C 8	2CDS272001R0044	1665244
	AUTOMAT S202M-C 10	2CDS272001R0064	1665246
	AUTOMAT S202M-C 13	2CDS272001R0084	1665233
	AUTOMAT S202M-C 16	2CDS272001R0104	1665234
	AUTOMAT S202M-C 20	2CDS272001R0134	1665235
	AUTOMAT S202M-C 25	2CDS272001R0164	1665237
	AUTOMAT S202M-C 32	2CDS272001R0204	1665238
	AUTOMAT S202M-C 40	2CDS272001R0254	1665240
	AUTOMAT S202M-C 50	2CDS272001R0324	1665242
AUTOMAT S202M-C 63	2CDS272001R0404	1665243	
	2CDS272001R0504	1665245	
	2CDS272001R0634		

Atomater	Typebetegnelse	Delnummer
S 200M C karakteristik	AUTOMAT S203M-C 0,5	1665535
	AUTOMAT S203M-C 1	1665537
	AUTOMAT S203M-C 1,6	1665539
	AUTOMAT S203M-C 2	1665547
	AUTOMAT S203M-C 3	1665553
	AUTOMAT S203M-C 4	1665557
	AUTOMAT S203M-C 6	1665563
	AUTOMAT S203M-C 8	1665567
	AUTOMAT S203M-C 10	1665541
	AUTOMAT S203M-C 13	1665543
	AUTOMAT S203M-C 16	1665545
	AUTOMAT S203M-C 20	1665549
	AUTOMAT S203M-C 25	1665551
	AUTOMAT S203M-C 32	1665555
	AUTOMAT S203M-C 40	1665559
	AUTOMAT S203M-C 50	1665561
	AUTOMAT S203M-C 63	1665565
	AUTOMAT S203M-C 0,5 NA	1665536
	AUTOMAT S203M-C 1 NA	1665538
	AUTOMAT S203M-C 1,6 NA	1665540
	AUTOMAT S203M-C 2 NA	1665548
	AUTOMAT S203M-C 3 NA	1665554
	AUTOMAT S203M-C 4 NA	1665558
	AUTOMAT S203M-C 6 NA	1665564
	AUTOMAT S203M-C 8 NA	1665568
	AUTOMAT S203M-C 10 NA	1665542
	AUTOMAT S203M-C 13 NA	1665544
	AUTOMAT S203M-C 16 NA	1665546
	AUTOMAT S203M-C 20 NA	1665550
	AUTOMAT S203M-C 25 NA	1665552
	AUTOMAT S203M-C 32 NA	1665556
	AUTOMAT S203M-C 40 NA	1665560
	AUTOMAT S203M-C 50 NA	1665562
	AUTOMAT S203M-C 63 NA	1665566
	AUTOMAT S204M-C 0,5	1665728
	AUTOMAT S204M-C 1	1665729
	AUTOMAT S204M-C 1,6	1665730
	AUTOMAT S204M-C 2	1665734
	AUTOMAT S204M-C 3	1665737
	AUTOMAT S204M-C 4	1665739
	AUTOMAT S204M-C 6	1665742
	AUTOMAT S204M-C 8	1665744
	AUTOMAT S204M-C 10	1665731
	AUTOMAT S204M-C 13	1665732
	AUTOMAT S204M-C 16	1665733
	AUTOMAT S204M-C 20	1665735
	AUTOMAT S204M-C 25	1665736
	AUTOMAT S204M-C 32	1665738
	AUTOMAT S204M-C 40	1665740
	AUTOMAT S204M-C 50	1665741
AUTOMAT S204M-C 63	1665743	

FDV

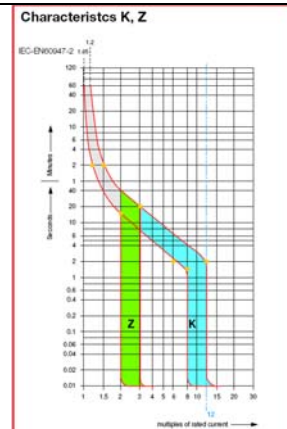
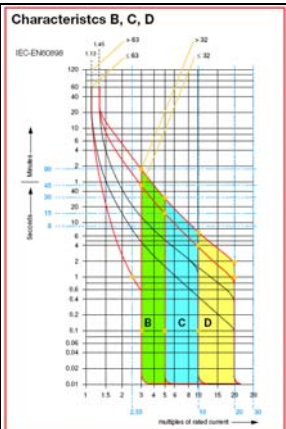
Automatsikringene er produsert og testet i henhold til EN/IEC 60898.

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

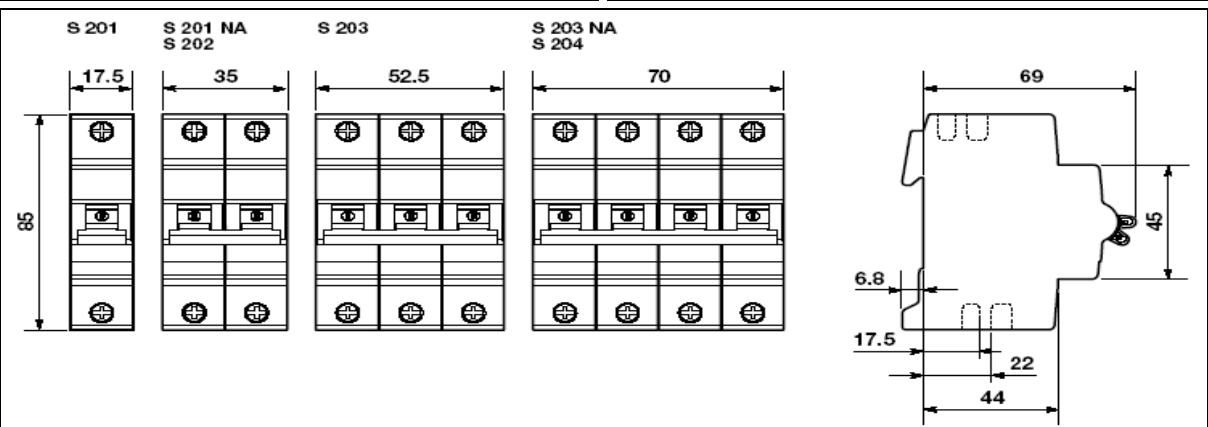
Acc. to	Tripping characteristic and rated current	Thermal release ®		Tripping time	Electromagnetic release ®		
		Current: conventional non-tripping c.	conventional tripping c.		Currents: hold current surges	trip at least at	Tripping time
IEC/EN 60898	<b>B</b> 6 to 63 A	$1.13 \cdot I_n$	$1.45 \cdot I_n$	> 1 h < 1 h	$3 \cdot I_n$	$5 \cdot I_n$	> 0.1 s < 0.1 s
	<b>C</b> 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
	<b>D</b> 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	<b>K</b> 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		$1.05 \cdot I_n$	$1.2 \cdot I_n$	> 2 h < 1 h ®	$8 \cdot I_n$	$12 \cdot I_n$	> 0.2 s < 0.2 s
				$1.5 \cdot I_n$ $6.0 \cdot I_n$			< 2 min. ® > 2 s (T1)
DIN VDE 0660/9.82	<b>Z</b> 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		$1.05 \cdot I_n$	$1.2 \cdot I_n$	> 2 h < 1 h ®	$2 \cdot I_n$	$3 \cdot I_n$	> 0.2 s < 0.2 s
				$1.5 \cdot I_n$ $6.0 \cdot I_n$			< 2 min. ® > 2 s (T1)



**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 <sub>n</sub> 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	2.6	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