

FDV dokumentasjon

Atomater S 200M D karakteristik	Typebetegnelse	Delnummer
	AUTOMAT S 201M-D 0.5	2CDS271001R0981 1634034
	AUTOMAT S 201M-D 1	2CDS271001R0011 1634035
	AUTOMAT S 201M-D 1.6	2CDS271001R0971 1634036
	AUTOMAT S 201M-D 2	2CDS271001R0021 1634037
	AUTOMAT S 201M-D 3	2CDS271001R0031 1634038
	AUTOMAT S 201M-D 4	2CDS271001R0041 1634039
	AUTOMAT S 201M-D 6	2CDS271001R0061 1634040
	AUTOMAT S 201M-D 8	2CDS271001R0081 1634041
	AUTOMAT S 201M-D 10	2CDS271001R0101 1634042
	AUTOMAT S 201M-D 13	2CDS271001R0131 1634043
	AUTOMAT S 201M-D 16	2CDS271001R0161 1634044
	AUTOMAT S 201M-D 20	2CDS271001R0201 1634045
	AUTOMAT S 201M-D 25	2CDS271001R0251 1634046
	AUTOMAT S 201M-D 32	2CDS271001R0321 1634047
	AUTOMAT S 201M-D 40	2CDS271001R0401 1634048
	AUTOMAT S 201M-D 50	2CDS271001R0501 1634049
	AUTOMAT S 201M-D 63	2CDS271001R0631 1634050
	AUTOMAT S 202M-D 0.5	2CDS272001R0981 1634051
	AUTOMAT S 202M-D 1	2CDS272001R0011 1634052
	AUTOMAT S 202M-D 1.6	2CDS272001R0971 1634053
	AUTOMAT S 202M-D 2	2CDS272001R0021 1634054
	AUTOMAT S 202M-D 3	2CDS272001R0031 1634055
	AUTOMAT S 202M-D 4	2CDS272001R0041 1634056
	AUTOMAT S 202M-D 6	2CDS272001R0061 1634057
	AUTOMAT S 202M-D 8	2CDS272001R0081 1634058
	AUTOMAT S 202M-D 10	2CDS272001R0101 1634059
	AUTOMAT S 202M-D 13	2CDS272001R0131 1634060
	AUTOMAT S 202M-D 16	2CDS272001R0161 1634061
	AUTOMAT S 202M-D 20	2CDS272001R0201 1634062
	AUTOMAT S 202M-D 25	2CDS272001R0251 1634063
	AUTOMAT S 202M-D 32	2CDS272001R0321 1634064
	AUTOMAT S 202M-D 40	2CDS272001R0401 1634065
	AUTOMAT S 202M-D 50	2CDS272001R0501 1634066
	AUTOMAT S 202M-D 63	2CDS272001R0631 1634067
	AUTOMAT S 203M-D 0.5	2CDS273001R0981 1634068
	AUTOMAT S 203M-D 1	2CDS273001R0011 1634069
	AUTOMAT S 203M-D 1.6	2CDS273001R0971 1634070
	AUTOMAT S 203M-D 2	2CDS273001R0021 1634071
	AUTOMAT S 203M-D 3	2CDS273001R0031 1634072
	AUTOMAT S 203M-D 4	2CDS273001R0041 1634073
	AUTOMAT S 203M-D 6	2CDS273001R0061 1634074
	AUTOMAT S 203M-D 8	2CDS273001R0081 1634075
	AUTOMAT S 203M-D 10	2CDS273001R0101 1634076
	AUTOMAT S 203M-D 13	2CDS273001R0131 1634077
	AUTOMAT S 203M-D 16	2CDS273001R0161 1634078
	AUTOMAT S 203M-D 20	2CDS273001R0201 1634079
	AUTOMAT S 203M-D 25	2CDS273001R0251 1634080
	AUTOMAT S 203M-D 32	2CDS273001R0321 1634081
	AUTOMAT S 203M-D 40	2CDS273001R0401 1634082
	AUTOMAT S 203M-D 50	2CDS273001R0501 1634083
	AUTOMAT S 203M-D 63	2CDS273001R0631 1634084

Atomater**S 200M**

D karakteristik

Typebetegnelse**Delnummer**

AUTOMAT S 204M-D 0.5	2CDS274001R0981	1634085
AUTOMAT S 204M-D 1	2CDS274001R0011	1634086
AUTOMAT S 204M-D 1.6	2CDS274001R0971	1634087
AUTOMAT S 204M-D 2	2CDS274001R0021	1634088
AUTOMAT S 204M-D 3	2CDS274001R0031	1634089
AUTOMAT S 204M-D 4	2CDS274001R0041	1634090
AUTOMAT S 204M-D 6	2CDS274001R0061	1634091
AUTOMAT S 204M-D 8	2CDS274001R0081	1634092
AUTOMAT S 204M-D 10	2CDS274001R0101	1634093
AUTOMAT S 204M-D 13	2CDS274001R0131	1634094
AUTOMAT S 204M-D 16	2CDS274001R0161	1634095
AUTOMAT S 204M-D 20	2CDS274001R0201	1634096
AUTOMAT S 204M-D 25	2CDS274001R0251	1634097
AUTOMAT S 204M-D 32	2CDS274001R0321	1634098
AUTOMAT S 204M-D 40	2CDS274001R0401	1634099
AUTOMAT S 204M-D 50	2CDS274001R0501	1634290
AUTOMAT S 204M-D 63	2CDS274001R0631	1634291
AUTOMAT S 201M-D 0.5 NA	2CDS271103R0981	1634000
AUTOMAT S 201M-D 1 NA	2CDS271103R0011	1634001
AUTOMAT S 201M-D 1.6 NA	2CDS271103R0971	1634002
AUTOMAT S 201M-D 2 NA	2CDS271103R0021	1634003
AUTOMAT S 201M-D 3 NA	2CDS271103R0031	1634004
AUTOMAT S 201M-D 4 NA	2CDS271103R0041	1634005
AUTOMAT S 201M-D 6 NA	2CDS271103R0061	1634006
AUTOMAT S 201M-D 8 NA	2CDS271103R0081	1634007
AUTOMAT S 201M-D 10 NA	2CDS271103R0101	1634008
AUTOMAT S 201M-D 13 NA	2CDS271103R0131	1634009
AUTOMAT S 201M-D 16 NA	2CDS271103R0161	1634010
AUTOMAT S 201M-D 20 NA	2CDS271103R0201	1634011
AUTOMAT S 201M-D 25 NA	2CDS271103R0251	1634012
AUTOMAT S 201M-D 32 NA	2CDS271103R0321	1634013
AUTOMAT S 201M-D 40 NA	2CDS271103R0401	1634014
AUTOMAT S 201M-D 50 NA	2CDS271103R0501	1634015
AUTOMAT S 201M-D 63 NA	2CDS271103R0631	1634016
AUTOMAT S 203M-D 0.5 NA	2CDS273103R0981	1634017
AUTOMAT S 203M-D 1 NA	2CDS273103R0011	1634018
AUTOMAT S 203M-D 1.6 NA	2CDS273103R0971	1634019
AUTOMAT S 203M-D 2 NA	2CDS273103R0021	1634020
AUTOMAT S 203M-D 3 NA	2CDS273103R0031	1634021
AUTOMAT S 203M-D 4 NA	2CDS273103R0041	1634022
AUTOMAT S 203M-D 6 NA	2CDS273103R0061	1634023
AUTOMAT S 203M-D 8 NA	2CDS273103R0081	1634024
AUTOMAT S 203M-D 10 NA	2CDS273103R0101	1634025
AUTOMAT S 203M-D 13 NA	2CDS273103R0131	1634026
AUTOMAT S 203M-D 16 NA	2CDS273103R0161	1634027
AUTOMAT S 203M-D 20 NA	2CDS273103R0201	1634028
AUTOMAT S 203M-D 25 NA	2CDS273103R0251	1634029
AUTOMAT S 203M-D 32 NA	2CDS273103R0321	1634030
AUTOMAT S 203M-D 40 NA	2CDS273103R0401	1634031
AUTOMAT S 203M-D 50 NA	2CDS273103R0501	1634032
AUTOMAT S 203M-D 63 NA	2CDS273103R0631	1634033

FDV

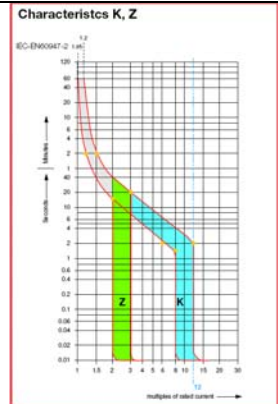
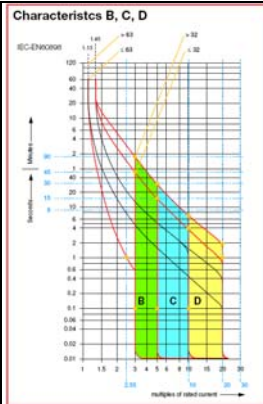
Automatsikringene er produsert og testet i henhold til EN/IEC 60898.

Ingen krav til periodisk vedlikehold.

Tekniske Data

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

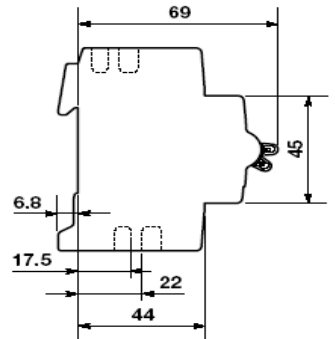
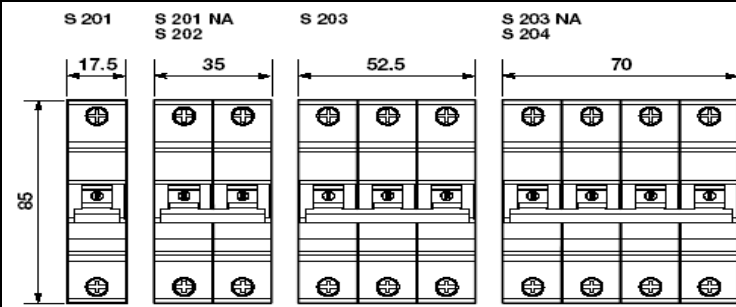
Acc. to	Tripping characteristic and rated current	Thermal release [⊕] Current: conventional non-tripping c.	conventional tripping c.	Tripping time	Electromagnetic release [⊕] Currents: hold current surges	trip at least at	Tripping time
IEC/EN 60898	B 6 to 63 A	1.13 · I _n	1.45 · I _n	> 1 h < 1 h	3 · I _n	5 · I _n	> 0.1 s < 0.1 s
	C 0.5 to 63 A	1.13 · I _n	1.45 · I _n	> 1 h < 1 h	5 · I _n	10 · I _n	> 0.1 s < 0.1 s
	D 0.5 to 63 A	1.13 · I _n	1.45 · I _n	> 1 h < 1 h	10 · I _n	20 · I _n	> 0.1 s < 0.1 s
DIN VDE 0660/9.82	K 0.5 to 63 A	1.05 · I _n	1.2 · I _n	> 1 h < 1 h	not applicable		
IEC/EN 60947-2 DIN VDE 0660 8/69 Part 101		1.05 · I _n	1.2 · I _n	> 2 h < 1 h [⊕] < 2 min. [⊕] > 2 s (T1)	8 · I _n	12 · I _n	> 0.2 s < 0.2 s
DIN VDE 0660/9.82	Z 0.5 to 63 A	1.05 · I _n	1.2 · I _n	> 1 h < 1 h	not applicable		
IEC/EN 60947-2 DIN VDE 0660 8/69 Part 101		1.05 · I _n	1.2 · I _n	> 2 h < 1 h [⊕] < 2 min. [⊕] > 2 s (T1)	2 · I _n	3 · 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 [⊕]		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	630	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	1.8
	4	110	1.8	120	2.0	149	2.4
	6	55	2.0	52	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	2.8
	20	6.25	2.5	6.7	2.7	6.0	2.4
	25	5.0	3.2	4.8	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

[⊕] 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	automasjonsprodukter@no.abb.com