

FDV dokumentasjon

Automat-sikring S200M UC K Kar.	Typebetegnelse	Varenummer	EAN	El.nummer
	AUTOMAT S201M-K0.2UC	2CDS271061R0087	4013614430862	16 828 40
	AUTOMAT S201M-K0.3UC	2CDS271061R0117	4013614430879	16 828 41
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	AUTOMAT S201M-K1UC	2CDS271061R0217	4013614430909	16 828 44
	AUTOMAT S201M-K1.6UC	2CDS271061R0257	4013614430916	16 828 45
	AUTOMAT S201M-K2UC	2CDS271061R0277	4013614430923	16 828 46
	AUTOMAT S201M-K3UC	2CDS271061R0317	4013614430930	16 828 47
	AUTOMAT S201M-K4UC	2CDS271061R0337	4013614430947	16 828 48
	AUTOMAT S201M-K5UC	2CDS271061R0357	4013614430954	16 828 49
	AUTOMAT S201M-K6UC	2CDS271061R0377	4013614430961	16 828 50
	AUTOMAT S201M-K8UC	2CDS271061R0407	4013614430978	16 828 51
	AUTOMAT S201M-K10UC	2CDS271061R0427	4013614430985	16 828 52
	AUTOMAT S201M-K13UC	2CDS271061R0447	4013614430992	16 828 53
	AUTOMAT S201M-K15UC	2CDS271061R0457	4013614431005	16 828 54
	AUTOMAT S201M-K16UC	2CDS271061R0467	4013614431012	16 828 55
	AUTOMAT S201M-K20UC	2CDS271061R0487	4013614431029	16 828 56
	AUTOMAT S201M-K25UC	2CDS271061R0517	4013614431036	16 828 57
	AUTOMAT S201M-K30UC	2CDS271061R0527	4013614431043	16 828 58
	AUTOMAT S201M-K32UC	2CDS271061R0537	4013614431050	16 828 59
	AUTOMAT S201M-K35UC	2CDS271061R0547	4013614431067	16 828 60
	AUTOMAT S201M-K40UC	2CDS271061R0557	4013614431074	16 828 61
	AUTOMAT S201M-K50UC	2CDS271061R0577	4013614431081	16 828 62
	AUTOMAT S201M-K60UC	2CDS271061R0587	4013614431098	16 828 63
	AUTOMAT S201M-K63UC	2CDS271061R0607	4013614431104	16 828 64
	AUTOMAT S202M-K0.2UC	2CDS272061R0087	4013614433085	16 828 65
	AUTOMAT S202M-K0.3UC	2CDS272061R0117	4013614433092	16 828 66
	AUTOMAT S202M-K0.5UC	2CDS272061R0157	4013614433108	16 828 67
	AUTOMAT S202M-K0.75UC	2CDS272061R0187	4013614433115	16 828 68
	AUTOMAT S202M-K1UC	2CDS272061R0217	4013614433122	16 828 69
	AUTOMAT S202M-K1.6UC	2CDS272061R0257	4013614433139	16 828 70
	AUTOMAT S202M-K2UC	2CDS272061R0277	4013614433146	16 828 71
	AUTOMAT S202M-K3UC	2CDS272061R0317	4013614433153	16 828 72
	AUTOMAT S202M-K4UC	2CDS272061R0337	4013614433160	16 828 73
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	AUTOMAT S202M-K35UC	2CDS272061R0547	4013614433283	16 828 85
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	AUTOMAT S202M-K60UC	2CDS272061R0587	4013614433313	16 828 88
	AUTOMAT S202M-K63UC	2CDS272061R0607	4013614433320	16 828 89

Typebetegnelse	Varenummer	EAN	El.nummer
AUTOMAT S203M-K0.2UC	2CDS273061R0087	4013614435300	16 828 90
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AUTOMAT S203M-K0.5UC	2CDS273061R0157	4013614435324	16 828 92
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AUTOMAT S203M-K1UC	2CDS273061R0217	4013614435348	16 828 94
AUTOMAT S203M-K1.6UC	2CDS273061R0257	4013614435355	16 828 95
AUTOMAT S203M-K2UC	2CDS273061R0277	4013614435362	16 828 96
AUTOMAT S203M-K3UC	2CDS273061R0317	4013614435379	16 828 97
AUTOMAT S203M-K4UC	2CDS273061R0337	4013614435386	16 828 98
AUTOMAT S203M-K5UC	2CDS273061R0357	4013614435393	16 828 99
AUTOMAT S203M-K6UC	2CDS273061R0377	4013614435409	16 829 00
AUTOMAT S203M-K8UC	2CDS273061R0407	4013614435416	16 829 01
AUTOMAT S203M-K10UC	2CDS273061R0427	4013614435423	16 829 02
AUTOMAT S203M-K13UC	2CDS273061R0447	4013614435430	16 829 03
AUTOMAT S203M-K15UC	2CDS273061R0457	4013614435447	16 829 04
AUTOMAT S203M-K16UC	2CDS273061R0467	4013614435454	16 829 05
AUTOMAT S203M-K20UC	2CDS273061R0487	4013614435461	16 829 06
AUTOMAT S203M-K25UC	2CDS273061R0517	4013614435478	16 829 07
AUTOMAT S203M-K30UC	2CDS273061R0527	4013614435485	16 829 08
AUTOMAT S203M-K32UC	2CDS273061R0537	4013614435492	16 829 09
AUTOMAT S203M-K35UC	2CDS273061R0547	4013614435508	16 829 10
AUTOMAT S203M-K40UC	2CDS273061R0557	4013614435515	16 829 11
AUTOMAT S203M-K50UC	2CDS273061R0577	4013614435522	16 829 12
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AUTOMAT S203M-K63UC	2CDS273061R0607	4013614435546	16 829 14
AUTOMAT S204M-K0.2UC	2CDS274061R0087	4013614437526	16 829 15
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AUTOMAT S204M-K8UC	2CDS274061R0407	4013614437632	16 829 26
AUTOMAT S204M-K10UC	2CDS274061R0427	4013614437649	16 829 27
AUTOMAT S204M-K13UC	2CDS274061R0447	4013614437656	16 829 28
AUTOMAT S204M-K15UC	2CDS274061R0457	4013614437663	16 829 29
AUTOMAT S204M-K16UC	2CDS274061R0467	4013614437670	16 829 30
AUTOMAT S204M-K20UC	2CDS274061R0487	4013614437687	16 829 31
AUTOMAT S204M-K25UC	2CDS274061R0517	4013614437694	16 829 32
AUTOMAT S204M-K30UC	2CDS274061R0527	4013614437700	16 829 33
AUTOMAT S204M-K32UC	2CDS274061R0537	4013614437717	16 829 34
AUTOMAT S204M-K35UC	2CDS274061R0547	4013614437724	16 829 35
AUTOMAT S204M-K40UC	2CDS274061R0557	4013614437731	16 829 36
AUTOMAT S204M-K50UC	2CDS274061R0577	4013614437748	16 829 37
AUTOMAT S204M-K60UC	2CDS274061R0587	4013614437755	16 829 38
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FDV

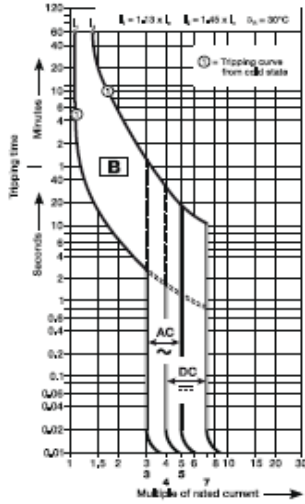
Automatsikringene er produsert og testet i henhold til IEC/EN 60898-2, IEC/EN 60947-2

Ingen krav til periodisk vedlikehold.

Tekniske Data

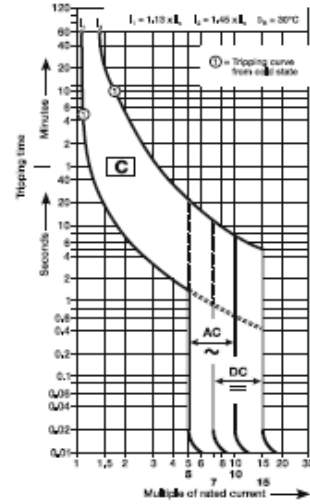
General Data	
Standards	IEC/EN 60898-2, IEC/EN 60947-2
Poles	1P, 2P, 3P, 4P
Rated current I _n	0.2 - 63 A
Rated frequency f	0/50/60 Hz
Rated insulation voltage U _i	253 V AC (phase to ground), 440 V AC (phase to phase)
Overvoltage Category	III
Pollution Degree	2
IEC/EN 60898-2	
Tripping characteristics	B, C
Rated operational voltage U _n	1P: 230 V AC, 220 V DC 2P: 400 V AC, 440 V DC 3...4P: 400 V AC*
Max. power frequency recovery voltage U _{max}	1P: 253 V AC, 250 V DC 2P: 440 V AC, 500 V DC 3...4P: 440 V AC*
Min. operating voltage	12 V AC - 12 V DC
Rated short-circuit capacity I _{sc}	10 kA
Energy limiting class (B, C up to 40A)	3
Rated impulse withstand voltage U _w (1.2/50µs)	4 kV (test voltage 6.2 kV at sea level; 5 kV at 2,000 m)
Dielectric test voltage	2.0 kV (50/60 Hz, 1 min)
Reference temperature for tripping characteristics	30 °C
Electrical endurance	I _n < 32 A: 20,000 ops. (AC); I _n ≥ 32 A: 10,000 ops. (AC); 1,000 ops. (DC)
IEC/EN 60947-2	
Tripping Characteristics	B, C, K, Z
Rated operational voltage U _n	1P: 253 V AC, 220 V DC 2...4P: 440 V AC, 440 V DC
Max. power frequency recovery voltage U _{max}	1P: 266 V AC, 250 V DC 2...4P: 462 V AC, 500 V DC
Min. operating voltage	12 V AC - 12 V DC
Rated ultimate short-circuit breaking capacity I _{cu}	≤40 A: 10 kA (AC); 10 kA (DC) >40 A: 8 kA (AC); 10 kA (DC)
Rated service short-circuit breaking capacity I _{cs}	≤40 A: 7.5 kA (AC); 10 kA (DC) >40 A: 8 kA (AC); 10 kA (DC)
Rated impulse withstand voltage U _w (1.2/50µs)	4 kV (test voltage 6.2 kV at sea level; 5 kV at 2,000 m)
Dielectric test voltage	2.0 kV (50/60 Hz, 1 min)
Reference temperature for tripping characteristics B, C	55 °C
K, Z	20 °C
Electrical endurance	I _n < 32 A: 20,000 ops. (AC); I _n ≥ 32 A: 10,000 ops. (AC); 1,500 ops. (DC)
Mechanical data	
Housing	Insulation group I, RAL 7035
Toggle	Insulation group II, black, sealable
Contact position indication	Real CPI (green OFF / red ON)
Protection degree acc. to DIN EN 60529	IP20, IP40 in enclosure with cover
Mechanical endurance	20,000 ops.
Shock resistance acc. to IEC/EN 60068-2-27	25 g - 2 shocks - 13 ms
Vibration resistance acc. to IEC/EN 60068-2-8	5 g - 20 cycles at 5 ... 160 ... 5 Hz at 0.8 l
Environmental conditions (damp heat cyclic) acc. to IEC/EN 60068-2-30	28 cycles with 55 °C/90-98 % and 25 °C/95-100 %
Ambient temperature	-25 ... +55 °C
Storage temperature	-40 ... +70 °C
Installation	
Terminal	Fallsafe bi-directional cylinder-lift terminal
Cross-section of conductors (top/bottom)	solid, stranded: 35 mm ² / 35 mm ² flexible: 25 mm ² / 25 mm ² 14 - 4 AWG
Cross-section of busbars (top/bottom)	10 mm ² / 10 mm ² 14 - 6 AWG
Torque	2.8 Nm 18 in.-lbs.
Screw driver	No. 2 Pozidrive
Mounting	on DIN rail 35 mm, acc. to EN 60715 by fast clip
Mounting position	any
Supply	Please note polarity of device
Dimensions and weight	
Mounting dimensions acc. to DIN 43680	1
Pole dimensions (H x D x W)	85 x 69 x 17.5
Pole weight	approx. 125 g
Combination with auxiliary elements	
Auxiliary contact	Yes
Signal contact	Yes
Shunt trip	Yes
Undervoltage release	Yes
Motor operating device	Yes

B characteristic



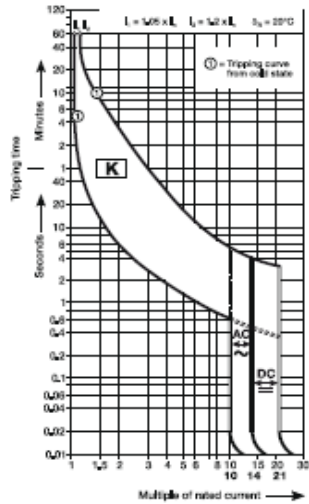
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C characteristic



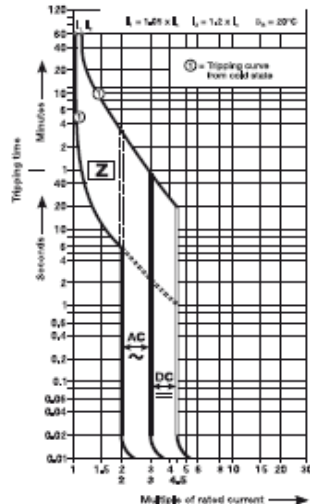
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K characteristic

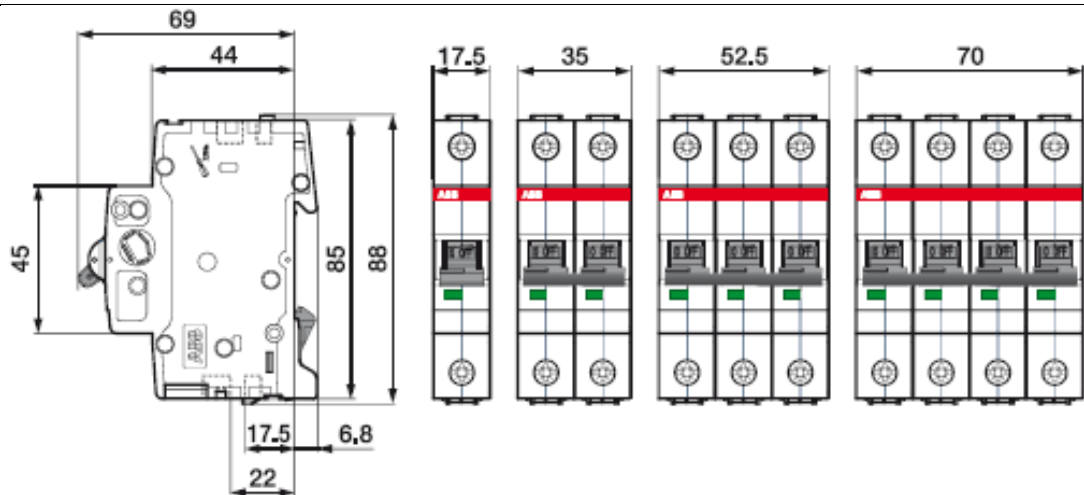


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Z characteristic



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Produsent	Navn	Adresse	Tlf.		E-post
	ABB AS	Bergerveien 12 1396 Billingstad	03500		automasjonsprodukter@no.abb.com