

FDV dokumentasjon

Automat- sikring S200M UC Z Kar.	Typebetegnelse	Varenummer	EAN	El.nummer
	AUTOMAT S201M-Z0.5UC	2CDS271061R0158	4013614431111	16 827 00
	AUTOMAT S201M-Z1UC	2CDS271061R0218	4013614431128	16 827 01
	AUTOMAT S201M-Z1.6UC	2CDS271061R0258	4013614431135	16 827 02
	AUTOMAT S201M-Z2UC	2CDS271061R0278	4013614431142	16 827 03
	AUTOMAT S201M-Z3UC	2CDS271061R0318	4013614431159	16 827 04
	AUTOMAT S201M-Z4UC	2CDS271061R0338	4013614431166	16 827 05
	AUTOMAT S201M-Z5UC	2CDS271061R0358	4013614431173	16 827 06
	AUTOMAT S201M-Z6UC	2CDS271061R0378	4013614431180	16 827 07
	AUTOMAT S201M-Z8UC	2CDS271061R0408	4013614431197	16 827 08
	AUTOMAT S201M-Z10UC	2CDS271061R0428	4013614431203	16 827 09
	AUTOMAT S201M-Z15UC	2CDS271061R0458	4013614431227	16 827 10
	AUTOMAT S201M-Z16UC	2CDS271061R0468	4013614431234	16 827 11
	AUTOMAT S201M-Z20UC	2CDS271061R0488	4013614431241	16 827 12
	AUTOMAT S201M-Z25UC	2CDS271061R0518	4013614431258	16 827 13
	AUTOMAT S201M-Z30UC	2CDS271061R0528	4013614431265	16 827 14
	AUTOMAT S201M-Z32UC	2CDS271061R0538	4013614431272	16 827 15
	AUTOMAT S201M-Z35UC	2CDS271061R0548	4013614431289	16 827 16
	AUTOMAT S201M-Z40UC	2CDS271061R0558	4013614431296	16 827 17
	AUTOMAT S201M-Z50UC	2CDS271061R0578	4013614431302	16 827 18
	AUTOMAT S201M-Z60UC	2CDS271061R0588	4013614431319	16 827 19
	AUTOMAT S201M-Z63UC	2CDS271061R0608	4013614431326	16 827 20
	AUTOMAT S202M-Z0.5UC	2CDS272061R0158	4013614433337	16 827 21
	AUTOMAT S202M-Z1UC	2CDS272061R0218	4013614433344	16 827 22
	AUTOMAT S202M-Z1.6UC	2CDS272061R0258	4013614433351	16 827 23
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	AUTOMAT S202M-Z4UC	2CDS272061R0338	4013614433382	16 827 26
	AUTOMAT S202M-Z5UC	2CDS272061R0358	4013614433399	16 827 27
	AUTOMAT S202M-Z6UC	2CDS272061R0378	4013614433405	16 827 28
	AUTOMAT S202M-Z8UC	2CDS272061R0408	4013614433412	16 827 29
	AUTOMAT S202M-Z10UC	2CDS272061R0428	4013614433429	16 827 30
	AUTOMAT S202M-Z15UC	2CDS272061R0458	4013614433443	16 827 31
	AUTOMAT S202M-Z16UC	2CDS272061R0468	4013614433450	16 827 32
	AUTOMAT S202M-Z20UC	2CDS272061R0488	4013614433467	16 827 33
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	AUTOMAT S202M-Z35UC	2CDS272061R0548	4013614433504	16 827 37
	AUTOMAT S202M-Z40UC	2CDS272061R0558	4013614433511	16 827 38
	AUTOMAT S202M-Z50UC	2CDS272061R0578	4013614433528	16 827 39
	AUTOMAT S202M-Z60UC	2CDS272061R0588	4013614433535	16 827 40
	AUTOMAT S202M-Z63UC	2CDS272061R0608	4013614433542	16 827 41

Typebetegnelse	Varenummer	EAN	El.nummer
AUTOMAT S203M-Z0.5UC	2CDS273061R0158	4013614435553	16 827 42
AUTOMAT S203M-Z1UC	2CDS273061R0218	4013614435560	16 827 43
AUTOMAT S203M-Z1.6UC	2CDS273061R0258	4013614435577	16 827 44
AUTOMAT S203M-Z2UC	2CDS273061R0278	4013614435584	16 827 45
AUTOMAT S203M-Z3UC	2CDS273061R0318	4013614435591	16 827 46
AUTOMAT S203M-Z4UC	2CDS273061R0338	4013614435607	16 827 47
AUTOMAT S203M-Z5UC	2CDS273061R0358	4013614435614	16 827 48
AUTOMAT S203M-Z6UC	2CDS273061R0378	4013614435621	16 827 49
AUTOMAT S203M-Z8UC	2CDS273061R0408	4013614435638	16 827 50
AUTOMAT S203M-Z10UC	2CDS273061R0428	4013614435645	16 827 51
AUTOMAT S203M-Z15UC	2CDS273061R0458	4013614435669	16 827 52
AUTOMAT S203M-Z16UC	2CDS273061R0468	4013614435676	16 827 53
AUTOMAT S203M-Z20UC	2CDS273061R0488	4013614435683	16 827 54
AUTOMAT S203M-Z25UC	2CDS273061R0518	4013614435690	16 827 55
AUTOMAT S203M-Z30UC	2CDS273061R0528	4013614435706	16 827 56
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AUTOMAT S203M-Z35UC	2CDS273061R0548	4013614435720	16 827 58
AUTOMAT S203M-Z40UC	2CDS273061R0558	4013614435737	16 827 59
AUTOMAT S203M-Z50UC	2CDS273061R0578	4013614435744	16 827 60
AUTOMAT S203M-Z60UC	2CDS273061R0588	4013614435751	16 827 61
AUTOMAT S203M-Z63UC	2CDS273061R0608	4013614435768	16 827 62
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AUTOMAT S204M-Z1UC	2CDS274061R0218	4013614437786	16 827 64
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AUTOMAT S204M-Z2UC	2CDS274061R0278	4013614437809	16 827 66
AUTOMAT S204M-Z3UC	2CDS274061R0318	4013614437816	16 827 67
AUTOMAT S204M-Z4UC	2CDS274061R0338	4013614437823	16 827 68
AUTOMAT S204M-Z5UC	2CDS274061R0358	4013614437830	16 827 69
AUTOMAT S204M-Z6UC	2CDS274061R0378	4013614437847	16 827 70
AUTOMAT S204M-Z8UC	2CDS274061R0408	4013614437854	16 827 71
AUTOMAT S204M-Z10UC	2CDS274061R0428	4013614437861	16 827 72
AUTOMAT S204M-Z15UC	2CDS274061R0458	4013614437885	16 827 73
AUTOMAT S204M-Z16UC	2CDS274061R0468	4013614437892	16 827 74
AUTOMAT S204M-Z20UC	2CDS274061R0488	4013614437908	16 827 75
AUTOMAT S204M-Z25UC	2CDS274061R0518	4013614437915	16 827 76
AUTOMAT S204M-Z30UC	2CDS274061R0528	4013614437922	16 827 77
AUTOMAT S204M-Z32UC	2CDS274061R0538	4013614437939	16 827 78
AUTOMAT S204M-Z35UC	2CDS274061R0548	4013614437946	16 827 79
AUTOMAT S204M-Z40UC	2CDS274061R0558	4013614437953	16 827 80
AUTOMAT S204M-Z50UC	2CDS274061R0578	4013614437960	16 827 81
AUTOMAT S204M-Z60UC	2CDS274061R0588	4013614437977	16 827 82
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FDV

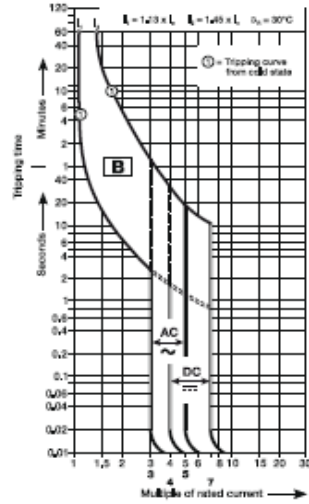
Automatsikringene er produsert og testet i henhold til IEC/EN 60898-2, IEC/EN 60947-2

Ingen krav til periodisk vedlikehold.

Tekniske Data

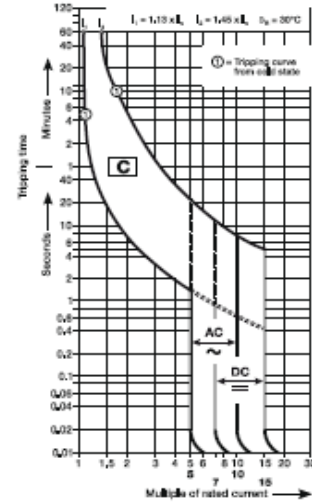
General Data	
Standards	IEC/EN 60898-2, IEC/EN 60947-2
Poles	1P, 2P, 3P, 4P
Rated current I _n	0.2 - 83 A
Rated frequency f	0/50/60 Hz
Rated insulation voltage U _i	253 V AC (phase to ground), 440 V AC (phase to phase)
Overvoltage Category	III
Pollution Degree	2
IEC/EN 60898-2	
Tripping characteristics	B, C
Rated operational voltage U _e	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 _{imp} (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 _e	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 _{imp} (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 I _n
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 43880	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



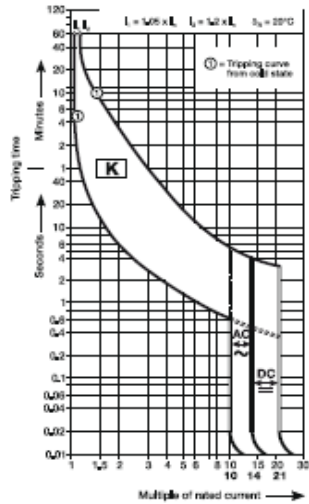
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C characteristic



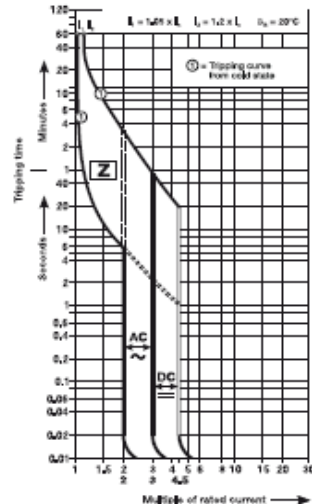
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K characteristic

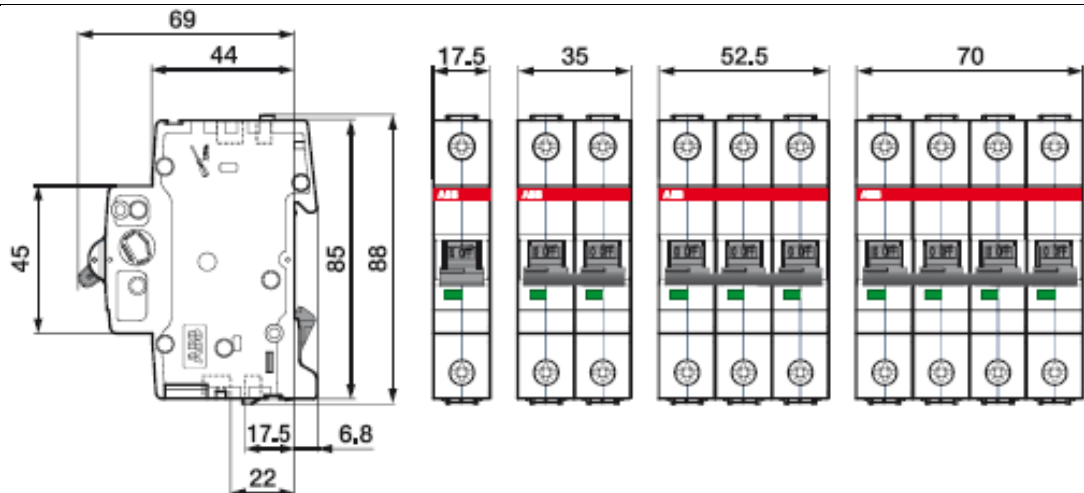


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Z characteristic



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Produsent

Navn

Adresse

Tlf.

E-post

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