

Данни за артикула: LTD31533--

Контактор 75kW / 150A, AC-3, 230V AC, размер 3

Размер 3, Тип Power contactor, Номинален ток 150A, Напрежение на бобината 230V



Технически данни

Размер	3
Тип	Power contactor
Напрежение на бобината	230V
Номинален ток (A)	150
Standard	IEC EN 60947-4-1 IEC EN 60947-5-1 UL 508
Lifespan, mechanical AC operated	10000000 Operations
Operating frequency, mechanical AC operated	5000 Operations/h
Climatic proofing	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature Open (°C)	-25 / +60
Ambient temperature Enclosed (°C)	-25 / + 40
Ambient temperature Storage (°C)	-40 / +80
Mech. shock resistance Half-sinusoidal shock 10ms	-
Main contacts NO contact (g)	10
Auxiliary contacts NO contact (g)	7

Технически данни - продължение

Auxiliary contacts NC contact (g)	5
Mech. shock resist. Half-sinusoidal shock horizon.	-
Main contacts N/O contact (g)	10
Auxiliary contacts N/O contact (g)	7
Auxiliary contacts N/C contact (g)	5
Степен на защита - IP	IP00
When actuated from front (EN 50274)	Finger and back-of-hand proof
Тегло (kg)	-
AC-operated	2,25
Terminal cross-section main contact (mm ²)	-
Solid [main cable] (mm ²)	1 x (0,75 - 16) 2 x (0,75 - 10)
Flexible with ferrule [main cable] (mm ²)	1 x (10 - 95) 2 x (10 - 70)
Stranded [main cable] (mm ²)	1 x (16 - 95) 2 x (16 - 70)
Solid or stranded [main cable] (AWG)	single 8...3/0, double 8...2/0
Band [lamella x width x thickness] (mm)	2 x (6 x 16 x 0.8)
Stripping length [main cable] (mm)	24
Terminal screw [main cable]	M10
Tightening torque [main contact] (Nm)	14
Инструменти [главен кабел]	-
Philips/Pozidriv screwdriver [main cable]	PZ 2
Standard screwdriver [main cable] (mm)	0,8 x 5,5 1 x 6
Allen wrench [main cable] (mm)	5
Terminal capacity auxiliary contact (mm ²)	-
Solid [auxiliary cables] (mm ²)	1 x (0,75 - 4) 2 x (0,75 - 2,5)
Flexible with ferrule [auxiliary cables] (mm ²)	1 x (0,75 - 2,5) 2 x (0,75 - 2,5)
Solid or stranded [auxiliary cables] (AWG)	18 - 14
Stripping length [auxiliary cables] (mm)	10
Terminal screw [auxiliary cables]	M3,5
Tightening torque [auxiliary contact] (Nm)	1,20
Инструменти [помощни кабели]	-
Тип отвертка Phillips [спомогателни кабели]	PZ 2
Standard screwdriver [auxiliary cables]	0,8 x 5,5 1 x 6
Rated impulse withstand voltage [Uimp] (V)	8000
Overvoltage category/pollution degree	III/3
Rated insulation voltage [Ui] (V)	690
Rated operational voltage (V)	690
Safe isolation to EN 61140	-
Between coil and contacts (VAC)	690
Между контактите (VAC)	690
Making capacity p.f. to IEC/EN 60947 up to 690 V (A)	2100
Breaking capacity	-

Технически данни - продължение

220 V 230 V (A)	1500
380 V 400 V (A)	1500
500 V (A)	1500
660 V 690 V (A)	1200
Short circuit withstand	-
Short-circuit protection maximum fuse	-
Тип „2“ координация 400 V [gG / gL 500 V] (A)	250
Тип „2“ координация 690 V [gG / gL 690 V] (A)	250
Type „1“ coordination 400 V [gG/gL 500 V] (A)	250
Type „1“ coordination 690 V [gG/gL 690 V] (A)	250
AC-1	-
AC-1 Rated operational current	-
Conventional free air therm. current 3pole 50-60Hz	-
Open at 40 °C [I _{th} =I _e] (A)	190
Open at 50 °C [I _{th} =I _e] (A)	180
Open at 55 °C [I _{th} =I _e] (A)	170
Open at 60 °C [I _{th} =I _e] (A)	160
Enclosed [I _{th}] (A)	144
Convent. free air thermal cur. 1 pole Open[I _{th}] (A)	400
Convent. free air thermal cur. 1 pole Enclosed[I _{th}] (A)	360
AC-3	-
AC-3 Rated operational current	-
AC-3 Open, 3-pole: 50 – 60 Hz 220 V 230 V [I _e] (A)	150
AC-3 Open, 3-pole: 50 – 60 Hz 240 V [I _e] (A)	150
AC-3 Open, 3-pole: 50 – 60 Hz 380 V 400 V [I _e] (A)	150
AC-3 Open, 3-pole: 50 – 60 Hz 415 V [I _e] (A)	150
AC-3 Open, 3-pole: 50 – 60 Hz 440 V [I _e] (A)	150
AC-3 Open, 3-pole: 50 – 60 Hz 500 V [I _e] (A)	150
AC-3 Open, 3-pole: 50 – 60 Hz 660 V 690 V [I _e] (A)	100
AC-3 Motor rating	-
AC-3 220 V 230 V [P] (kW)	48
AC-3 240V [P] (kW)	52
AC-3 380 V 400 V [P] (kW)	75
AC-3 415 V [P] (kW)	91
AC-3 440 V [P] (kW)	95
AC-3 500 V [P] (kW)	110
AC-3 660 V 690 V [P] (kW)	96
AC-4	-
AC-4 Rated operational current	-
AC-4 Open, 3-pole, 50 – 60 Hz 220 V 230 V [I _e] (A)	65
AC-4 Open, 3-pole, 50 – 60 Hz 240 V [I _e] (A)	65
AC-4 Open, 3-pole, 50 – 60 Hz 380 V 400 V [I _e] (A)	65
AC-4 Open, 3-pole, 50 – 60 Hz 415 V [I _e] (A)	65

Технически данни - продължение

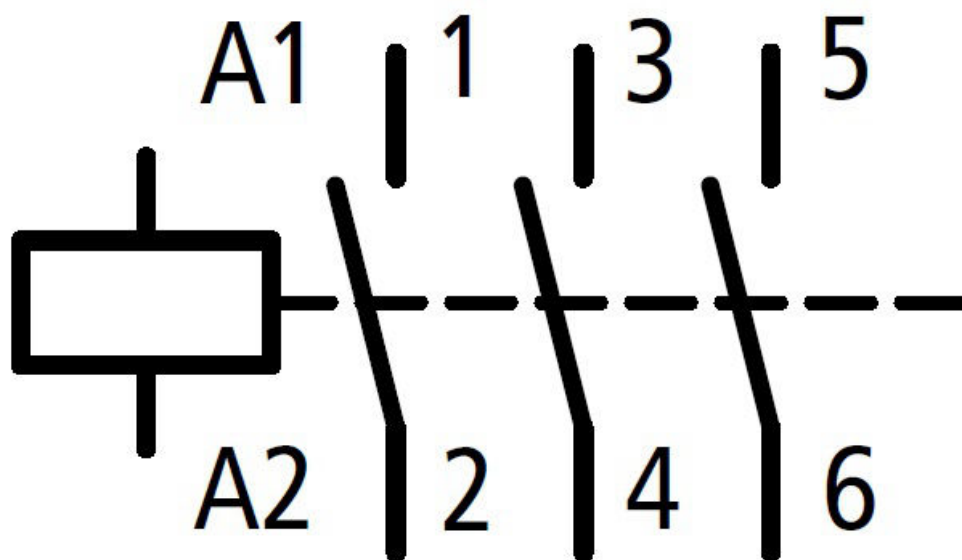
AC-4 Open, 3-pole, 50 – 60 Hz 440 V [Ie] (A)	65
AC-4 Open, 3-pole, 50 – 60 Hz 500 V [Ie] (A)	65
AC-4 Open, 3-pole, 50 – 60 Hz 660 V 690 V [Ie] (A)	50
AC-4 Motor rating	-
AC-4 220 V 230 V [P] (kW)	20
AC-4 240 V [P] (kW)	22
AC-4 380 V 400 V [P] (kW)	33
AC-4 415 V [P] (kW)	39
AC-4 440 V [P] (kW)	41
AC-4 500 V [P] (kW)	47
AC-4 660 V 690 V [P] (kW)	48
DC-1	-
DC-1 Rated operational current	-
DC-1 Open	-
60 V [Ie] (A)	160
110 V [Ie] (A)	160
220 V [Ie] (A)	90
Current heat loss	-
3-polig, bei Ith [60°] (W)	36,5
At Ie to AC-3/400 V (W)	32,1
Impedance per pole (mΩ)	0,6
Magnet systems	-
Voltage tolerance AC operated [Pick-up] (x Uc)	0,8 - 1,15
Voltage tolerance AC operated [Drop-out] (x Uc)	0,25 - 0,6
50 Hz [Pick-up] (VA)	180
50 Hz [Sealing] (VA)	3,1
50 Hz [Sealing] (W)	2,3
60 Hz [Pick-up] (VA)	170
60 Hz [Sealing] (VA)	3,1
60 Hz [Sealing] (W)	2,3
Duty factor (% DF)	100
Changeover time at 100 % Us (Recommended value)	-
Main contacts	-
AC operated closing delay, ms	28 - 33
AC operated opening delay, ms	35 - 41
Arcing time (ms)	15
EMC Emitted interference	according to EN 60947-1
EMC Interference immunity	according to EN 60947-1
Rating data for approved types	-
Номинална изключвателна възможност (kA)	-
Maximum motor rating Three-phase	-
Three-phase 200 V 208 V (HP)	50
Three-phase 230 V 240 V (HP)	60

Технически данни - продължение

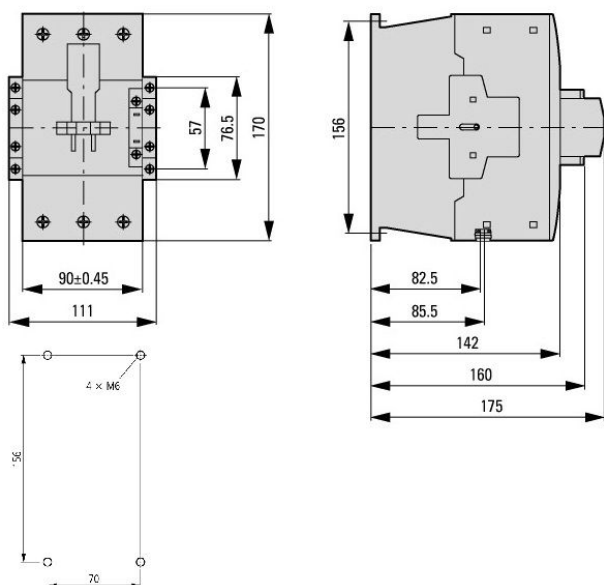
Three-phase 460 V 480 V (HP)	125
Three-phase 575 V 600 V (HP)	125
Maximum motor rating Single-phase	-
Single-phase 115 V 120 V (HP)	10
Single-phase 230 V 240 V (HP)	30
Maximum motor rating General use (A)	225
Auxiliary contacts	-
Pilot Duty AC operated	A600
Pilot Duty DC operated	P300
General Use AC (V)	600
General Use AC (A)	10
General Use DC (V)	250
General Use DC (A)	1
Short Circuit Current Rating	-
Basic Rating SCCR (kA)	10
Basic Rating max. Fuse (A)	600
Basic Rating max. CB (A)	600
480 V High Fault SCCR (fuse) (kA)	30/100
480 V High Fault max. Fuse (A)	300/300 Class J
480 V High Fault SCCR (CB) (kA)	65
480 V High Fault max. CB (A)	250
600 V High Fault SCCR (fuse) (kA)	30/100
600 V High Fault max. Fuse (A)	300/600 Class J
600 V High Fault SCCR (CB) (kA)	30
600 V High Fault max. CB (A)	350
Special Purpose Ratings	-
Elec. Discharge Lamps (Ballast) 480V 60Hz 3phase (A)	160
Elec. Discharge Lamps (Ballast) 277V 60Hz 1phase (A)	160
Elec. Discharge Lamps (Ballast) 600V 60Hz 3phase (A)	160
Elec. Discharge Lamps (Ballast) 347V 60Hz 1phase (A)	160
Incandescent Lamps (Tungsten) 480V 60Hz 3phase (A)	160
Incandescent Lamps (Tungsten) 277V 60Hz 1phase (A)	160
Incandescent Lamps (Tungsten) 600V 60Hz 3phase (A)	160
Incandescent Lamps (Tungsten) 347V 60Hz 1phase (A)	160
Resistance Air Heating 480V 60Hz 3phase (A)	160
Resistance Air Heating 277V 60Hz 1phase (A)	160
Resistance Air Heating 600V 60Hz 3phase (A)	160
Resistance Air Heating 347V 60Hz 1phase (A)	160
Refrig. Control (CSA only) LRA 480V 60Hz 3phase (A)	540
Refrig. Control (CSA only) FLA 480V 60Hz 3phase (A)	90
Refrig. Control (CSA only) LRA 600V 60Hz 3phase (A)	540
Refrig. Control (CSA only) FLA 600V 60Hz 3phase (A)	90
Def. Purpose Ratings(100,000 cycles acc.to UL1995)	-

Технически данни - продължение

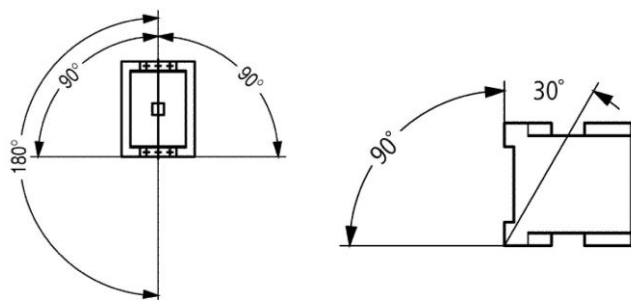
LRA 480V 60Hz 3phase (A)	900
FLA 480V 60Hz 3phase (A)	150
Elevator Control 200V 60Hz 3phase (HP)	30
Elevator Control 200V 60Hz 3phase (A)	92
Elevator Control 240V 60Hz 3phase (HP)	40
Elevator Control 240V 60Hz 3phase (A)	104
Elevator Control 480V 60Hz 3phase (HP)	75
Elevator Control 480V 60Hz 3phase (A)	96
Elevator Control 600V 60Hz 3phase (HP)	100
Elevator Control 600V 60Hz 3phase (A)	99

Характеристика: Контактор 75kW / 150A, AC-3, 230V AC, размер 3

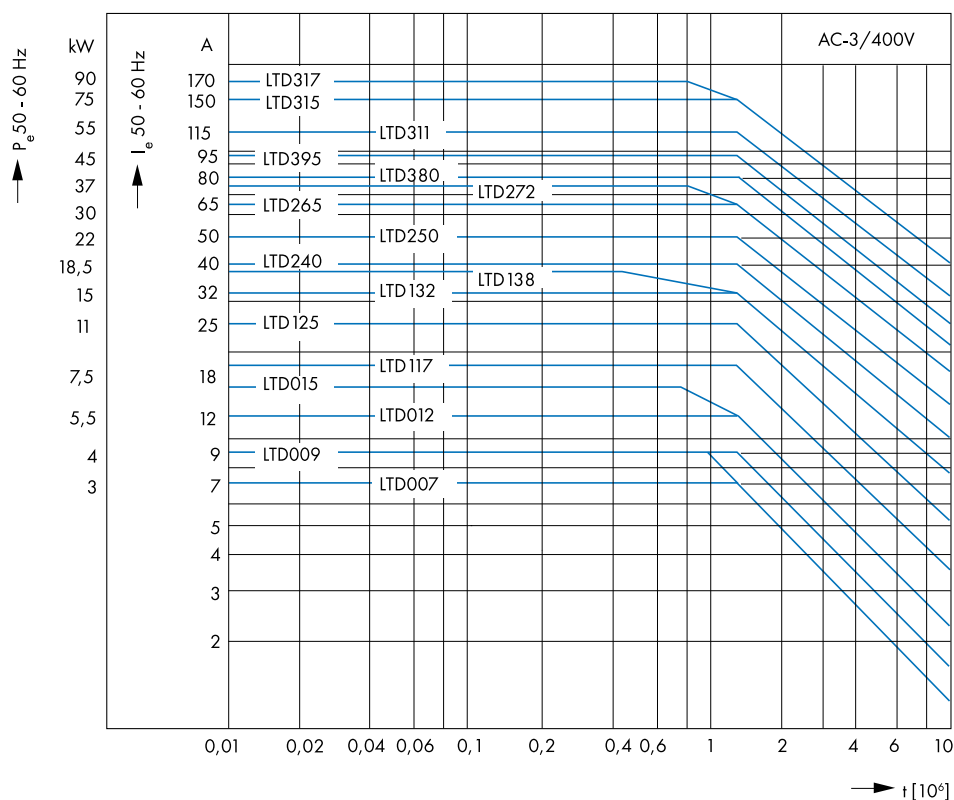
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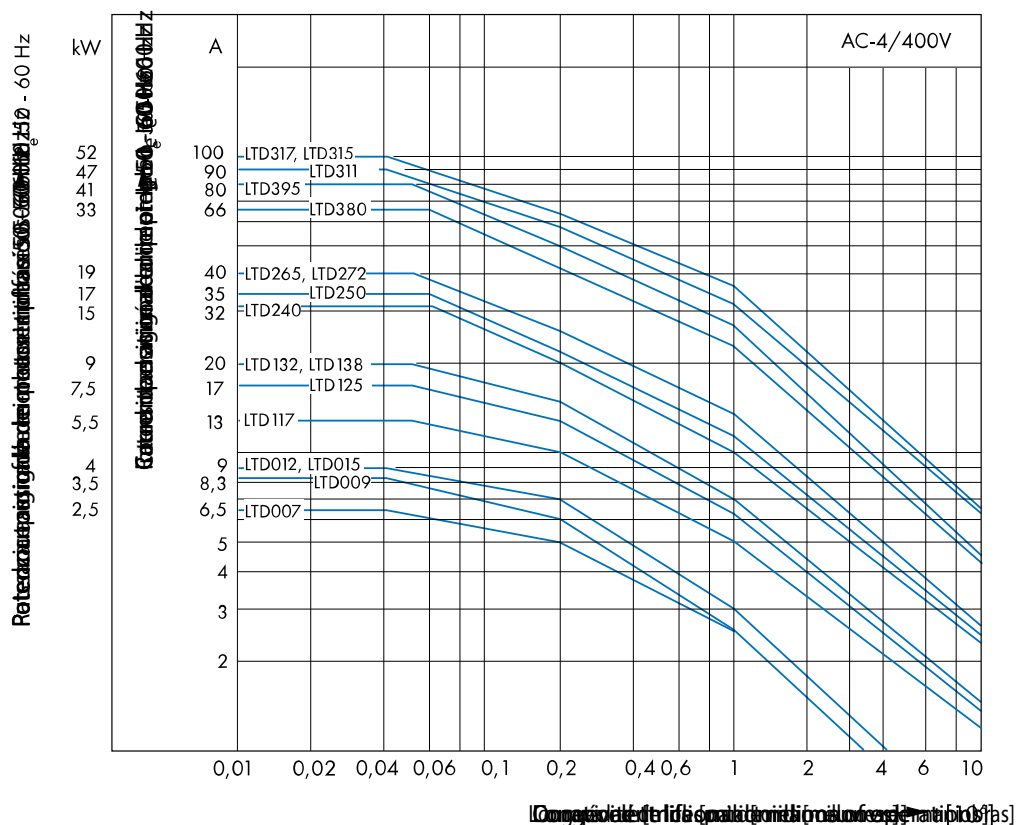
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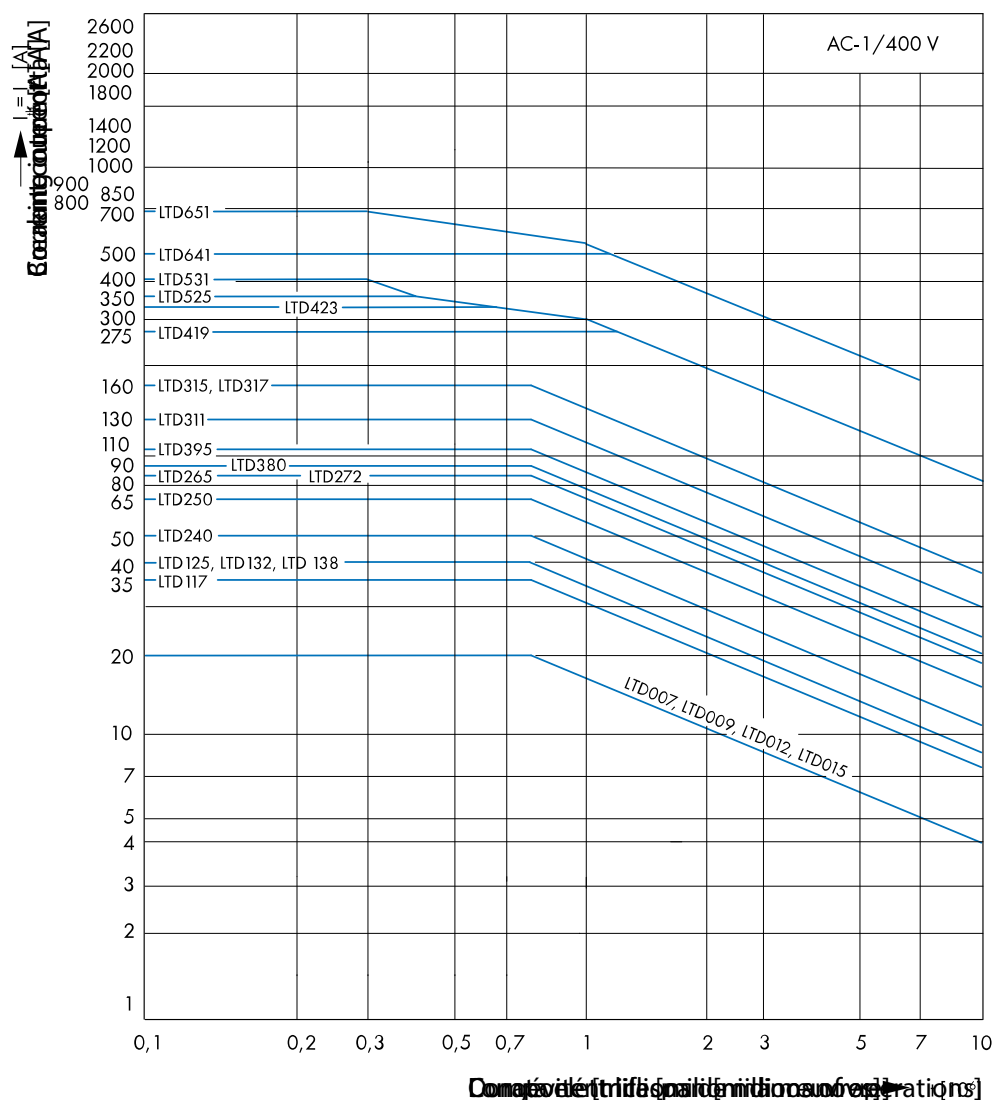
Диаграма: Контактор 75kW / 150A, AC-3, 230V AC, размер 3



Диаграма: Контактор 75kW / 150A, AC-3, 230V AC, размер 3



Диаграма: Контактор 75kW / 150A, AC-3, 230V AC, размер 3



Диаграма: Контактор 75kW / 150A, AC-3, 230V AC, размер 3

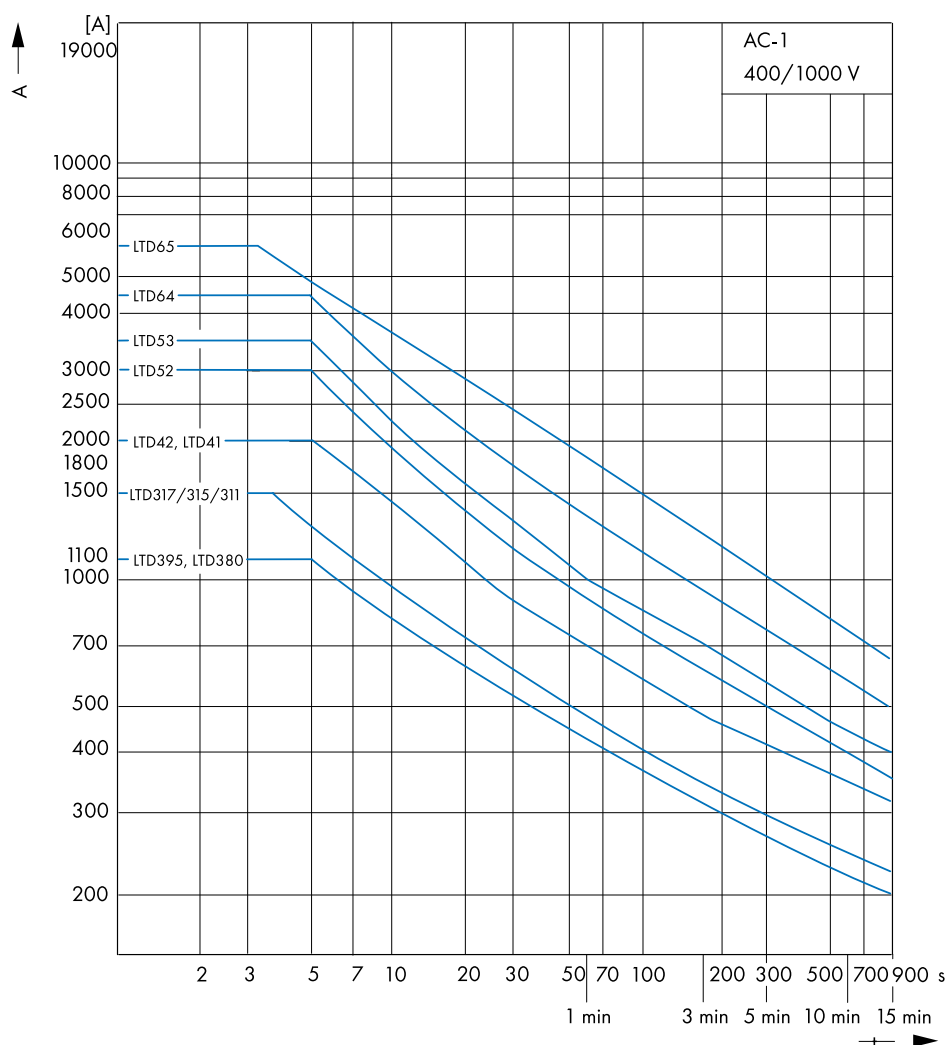


Таблица с артикули

Описание	Артикулен No.
Контактор 75kW / 150A, AC-3, 230V AC, размер 3	LTD31533
Размер 3, Тип Power contactor, Номинален ток 150A, Напрежение на бобината 230V	
Акcesoари	
Доп. контактен блок за контактор размер 2-3, с 2 NO	LTZ3D420
Размер 3, Акcesoари допълнителни контакти	
Доп. контактен блок за контактор размер 2-3, с 1 NO 1 NC	LTZ3D411
Размер 3, Акcesoари допълнителни контакти	
Доп. контактен блок за контактор размер 2-3, с 2 NC	LTZ3D402
Размер 3, Акcesoари допълнителни контакти	

Таблица с артикули

Описание	Артикулен No.
Акcesoари	
Доп. контактен блок за контактор размер 2-3, с 4 NO Размер 3, Акcesoари допълнителни контакти	LTZ3D140
Доп. контактен блок за контактор размер 2-3, с 3 NO 1 NC Размер 3, Акcesoари допълнителни контакти	LTZ3D131
Доп. контактен блок за контактор размер 2-3, с 2 NO 2 NC Размер 3, Акcesoари допълнителни контакти	LTZ3D122
Доп. контактен блок за контактор размер 2-3, с 1 NO 3 NC Размер 3, Акcesoари допълнителни контакти	LTZ3D113
Доп. контактен блок за контактор размер 2-3, с 4 NC Размер 3, Акcesoари допълнителни контакти	LTZ3D104
Доп. контакт за контактор размер 2-4, 1NO+1NC, 1-ва позиция Размер 4, Акcesoари допълнителни контакти	LTZ3D711
Доп. контакт за контактор размер 2-4, 1NO+1NC, 2-ра позиция Размер 4, Акcesoари допълнителни контакти	LTZ3D811
Свързваща скоба за контактори размер 3 Размер 3, Акcesoари свързваща връзка	LTZ30005