DATASHEET - DILM95(230V50HZ,240V60HZ)

Contactor, 3 pole, 380 V 400 V 45 kW, 230 V 50 Hz, 240 V 60 Hz, AC operation, Screw terminals



Part no.	DILM95(230V50HZ,240V60HZ) 239480
EL Number (Norway)	4134051

Product name	Eaton Moeller® series DILM contactor
Part no.	DILM95(230V50HZ,240V60HZ)
EAN	4015082394806
Product Length/Depth	160 millimetre
Product height	170 millimetre
Product width	90 millimetre
Product weight	2.18 kilogram
Certifications	UL Listed CSA Certified EN 60947-4-1 IEC 60947-4-1 CSA-C22.2 No. 60947-4-1-14 UL IEC/EN 60947-4-1 IEC/EN 60947 VDE 0660 CSA File No.: 012528 UL File No.: E29096 CSA Class No.: 2411-03, 3211-04 CSA CE UL 60947-4-1 UL Category Control No.: NLDX
Product Tradename	DILM
Product Type	Contactor
Product Sub Type	None
Catalog Notes	Contacts according to EN 50012
Application	Contactors for Motors
Degree of protection	IPOO
Frame size	FS4
Lifespan, mechanical	10,000,000 Operations (AC operated)
Operating frequency	3600 mechanical Operations/h (AC operated)
Overvoltage category	III
Pollution degree	3
Product category	Contactors
Protection	Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274)
Rated impulse withstand voltage (Uimp)	8000 V AC
Residual current	1 mA (with actuation of A1 - A2 by the electronics with "0" signal)
Resistance per pole	0.6 mΩ
Suitable for	Also motors with efficiency class IE3
Туре	Full voltage reversing medium contactor
Utilization category	AC-3: Normal AC induction motors: starting, switch off during running AC-1: Non-inductive or slightly inductive loads, resistance furnaces AC-4: Normal AC induction motors: starting, plugging, reversing, inching
Voltage type	AC
Shock resistance	7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal shock 10 ms 5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal shock 10 ms 7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal shock 10 ms

	10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27, Half-
	sinusoidal shock 10 ms
Altitude	Max. 2000 m
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	60 °C
Ambient operating temperature (enclosed) - min	25 °C
Ambient operating temperature (enclosed) - max	40 °C
Ambient storage temperature - min	40 °C
Ambient storage temperature - max	80 °C
Climatic proofing	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Emitted interference	According to EN 60947-1
Interference immunity	According to EN 60947-1
Terminals	Screw terminals
Terminal capacity (copper band)	2 x (6 x 16 x 0.8) mm (Number of segments x width x thickness), Main cables
Terminal capacity (flexible with ferrule)	2 x (10 - 50) mm², Main cables
	1 x (0.75 - 2.5) mm², Control circuit cables 1 x (10 - 70) mm², Main cables 2 x (0.75 - 2.5) mm², Control circuit cables
Terminal capacity (solid)	$2 \times (0.75 - 2.5)$ mm ² , Control circuit cables 1 x (0.75 - 4) mm ² , Control circuit cables
	2 x (0.75 - 2.5) mm², Control circuit cables
Terminal capacity (solid/stranded AWG)	18 - 14, Control circuit cables Single 83/0, double 82/0, Main cables
Terminal capacity (stranded)	2 x (16 - 50) mm², Main cables 1 x (16 - 70) mm², Main cables
Stripping length (main cable)	24 mm
Stripping length (control circuit cable)	10 mm
Screw size	M10, Terminal screw, Main cables M3.5, Terminal screw, Control circuit cables 5 mm AF, Hexagon socket-head spanner, Terminal screw, Main cables
Screwdriver size	2, Terminal screw, Control circuit cables, Pozidriv screwdriver 0.8 x 5.5/1 x 6 mm, Terminal screw, Control circuit cables, Standard screwdriver
Tightening torque	1.2 Nm, Screw terminals, Control circuit cables
	14 Nm, Screw terminals, Main cables
Rated breaking capacity at 220/230 V	950 A
Rated breaking capacity at 380/400 V	950 A
Rated breaking capacity at 500 V	950 A
Rated breaking capacity at 660/690 V	800 A
Rated operational current (Ie) at AC-1, 380 V, 400 V, 415 V	130 A
Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	95 A
Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	95 A
Rated operational current (Ie) at AC-3, 440 V	95 A
Rated operational current (Ie) at AC-3, 500 V	95 A
Rated operational current (Ie) at AC-3, 660 V, 690 V	80 A
Rated operational current (Ie) at AC-4, 220 V, 230 V, 240 V	50 A
Rated operational current (Ie) at AC-4, 440 V	50 A
Rated operational current (Ie) at AC-4, 500 V	50 A
Rated operational current (Ie) at AC-4, 660 V, 690 V	37 A
Rated operational current (Ie) at DC-1, 60 V	110 A
Rated operational current (le) at DC-1, 110 V	110 A
Rated operational current (le) at DC-1, 220 V	70 A
Rated insulation voltage (Ui)	690 V
Rated making capacity up to 690 V (cos phi to IEC/EN 60947)	1330 A
Rated operational power at AC-3, 240 V, 50 Hz	32 kW
Rated operational power at AC-3, 380/400 V, 50 Hz	45 kW
Rated operational power at AC-3, 415 V, 50 Hz	57 kW

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Rated operational power at AC-3, 440 V, 50 Hz	60 kW
Rated operational power at AC-3, 500 V, 50 Hz	70 kW
Rated operational power at AC-3, 690 V, 50 Hz	75 kW
Rated operational power at AC-4, 220/230 V, 50 Hz	16 kW
Rated operational power at AC-4, 240 V, 50 Hz	17 kW
Rated operational power at AC-4, 415 V, 50 Hz	30 kW
Rated operational power at AC-4, 440 V, 50 Hz	32 kW
Rated operational power at AC-4, 500 V, 50 Hz	36 kW
Rated operational power at AC-4, 660/690 V, 50 Hz	35 kW
Rated operational voltage (Ue) at AC - max	690 V
Short-circuit current rating (basic rating)	10 kA, SCCR (UL/CSA) 600 A, max. CB, SCCR (UL/CSA) 600 A, max. Fuse, SCCR (UL/CSA)
Short-circuit current rating (high fault at 480 V)	300/300 A, Class J, max. Fuse, SCCR (UL/CSA) 30/100 kA, Fuse, SCCR (UL/CSA) 65 kA, CB, SCCR (UL/CSA) 250 A, max. CB, SCCR (UL/CSA)
Short-circuit current rating (high fault at 600 V)	300/300 A, Class J, max. Fuse, SCCR (UL/CSA) 30/100 kA, Fuse, SCCR (UL/CSA) 350 A, max. CB, SCCR (UL/CSA) 30 kA, CB, SCCR (UL/CSA)
Short-circuit protection rating (type 1 coordination) at 400 V	250 A gG/gL
Short-circuit protection rating (type 1 coordination) at 690 V	200 A gG/gL
Short-circuit protection rating (type 2 coordination) at 400 V	160 A gG/gL
Short-circuit protection rating (type 2 coordination) at 690 V	160 A gG/gL
Conventional thermal current ith (1-pole, enclosed)	250 A
Conventional thermal current ith (3-pole, enclosed)	100 A
Conventional thermal current ith at 55°C (3-pole, open)	115 A
Conventional thermal current ith at 60°C (3-pole, open)	110 A
Conventional thermal current ith of main contacts (1-pole, open)	275 A
Conventional thermal current ith of main contacts (1-pole, open)	275 A
Conventional thermal current ith of main contacts (1-pole, open) Switching capacity (main contacts, general use)	275 A 125 A, Maximum motor rating (UL/CSA)
Conventional thermal current ith of main contacts (1-pole, open) Switching capacity (main contacts, general use) Arcing time	275 A 125 A, Maximum motor rating (UL/CSA) 15 ms
Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current it	275 A 275 A 125 A, Maximum motor rating (UL/CSA) 15 ms 15 ms AC operated: 0.6 - 0.3 x UC, AC operated
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Conventional thermal current ith of main contacts (1-pole, open) Image: Conventional thermal current ith of main contacts (1-pole, open) Switching capacity (main contacts, general use) Image: Conventional thermal current ith of main contacts (1-pole, open) Switching capacity (main contacts, general use) Image: Conventional thermal current ith of main contacts (1-pole, open) Arcing time Image: Conventional thermal current ith of main contacts (1-pole, open) Drop-out voltage Image: Conventional thermal current ith of main contacts (1-pole, open) Pick-up voltage Image: Consumption Power consumption, pick-up, 50 Hz Image: Consumption (1-pole, 1-pole, 1-p	275 A 275 A 125 A, Maximum motor rating (UL/CSA) 125 A, Maximum motor rating (UL/CSA) 15 ms AC operated: 0.6 - 0.3 x UC, AC operated 100 % 0.8 - 1.1 V AC x UC 45 kW 310 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz
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Conventional thermal current ith of main contacts (1-pole, open) Image: Conventional thermal current ith of main contacts (1-pole, open) Switching capacity (main contacts, general use) Image: Conventional thermal current ith of main contacts, general use) Arcing time Image: Conventional thermal current ith of main contacts, general use) Arcing time Image: Conventional thermal current ith of main contacts, general use) Arcing time Image: Convention contacts, general use) Drop-out voltage Image: Convention contacts, general use) Duty factor Image: Convention contacts, general use) Power consumption, pick-up, 50 Hz Image: Consumption, pick-up, 60 Hz Power consumption, pick-up, 60 Hz Image: Consumption, pick-up, 60 Hz Power consumption, sealing, 50 Hz Image: Consumption consumption, pick-up, 60 Hz	275 A 275 A 275 A 25 A, Maximum motor rating (UL/CSA) 15 ms 15 ms AC operated: 0.6 - 0.3 x UC, AC operated 100 % 0.8 - 1.1 V AC x UC 45 kW 310 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 345 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 26 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 26 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 26 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz
Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current ith of main contacts (1-pole, open) Convertional thermal current it	 275 A 275 A 125 A, Maximum motor rating (UL/CSA) 125 A, Maximum motor rating (UL/CSA) 15 ms AC operated: 0.6 - 0.3 x UC, AC operated 100 % 0.8 - 1.1 V AC x Uc 0.8 - 1.1 V AC x Uc 45 kW 310 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 26 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz
Conventional thermal current ith of main contacts (1-pole, open) Image: Conventional thermal current ith of main contacts (1-pole, open) Switching capacity (main contacts, general use) Image: Conventional thermal current ith of main contacts, general use) Arcing time Image: Conventional thermal current ith of main contacts, general use) Arcing time Image: Conventional thermal current ith of main contacts, general use) Arcing time Image: Convention contacts, general use) Drop-out voltage Image: Convention contacts, general use) Duty factor Image: Convention contacts, general use) Power consumption, pick-up, 50 Hz Image: Consumption, pick-up, 60 Hz Power consumption, pick-up, 60 Hz Image: Consumption, pick-up, 60 Hz Power consumption, sealing, 50 Hz Image: Consumption consumption, pick-up, 60 Hz	 275 A 275 A 275 A, Maximum motor rating (UL/CSA) 125 A, Maximum motor rating (UL/CSA) 15 ms AC operated: 0.6 - 0.3 x UC, AC operated 100 % 0.8 - 1.1 V AC x Uc 0.8 - 1.1 V AC x Uc 45 kW 310 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 345 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 26 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 26 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 58 W, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz
Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Switching capacity (main contacts, general use) Switching capacity (main contacts, general use) Arcing time Drop-out voltage Duty factor Pick-up voltage Power consumption Power consumption, pick-up, 50 Hz Power consumption, pick-up, 60 Hz Power consumption, sealing, 50 Hz Power consumption, sealing, 60 Hz	 275 A 275 A 125 A, Maximum motor rating (UL/CSA) 125 A, Maximum motor rating (UL/CSA) 15 ms AC operated: 0.6 - 0.3 x UC, AC operated 100 % 0.8 - 1.1 V AC x UC 45 kW 310 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 345 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 26 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz 26 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz 38 W, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz
Conventional thermal current ith of main contacts (1-pole, open) Conventional thermal current ith of main contacts (1-pole, open) Switching capacity (main contacts, general use) Switching capacity (main contacts, general use) Arcing time Drop-out voltage Duty factor Pick-up voltage Power consumption Power consumption, pick-up, 50 Hz Power consumption, pick-up, 60 Hz Power consumption, sealing, 50 Hz Power consumption, sealing, 60 Hz Rated control supply voltage (Us) at AC, 50 Hz - min	275 A 275 A 125 A, Maximum motor rating (UL/CSA) 125 A, Maximum motor rating (UL/CSA) 15 ms AC operated: 0.6 - 0.3 x UC, AC operated 100 % 0.8 - 1.1 V AC x Uc 45 kW 310 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 345 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 5.8 W, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 5.8 W, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 5.8 W, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 5.8 W, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz 30 V
Conventional thermal current ith of main contacts (1-pole, open)Conventional thermal current ith of main contacts (1-pole, open)Switching capacity (main contacts, general use)Switching capacity (main contacts, general use)Arcing timeDrop-out voltageDuty factorPick-up voltagePower consumptionPower consumption, pick-up, 50 HzPower consumption, pick-up, 60 HzPower consumption, sealing, 50 HzPower consumption, sealing, 60 HzRated control supply voltage (Us) at AC, 50 Hz - minRated control supply voltage (Us) at AC, 50 Hz - max	275 A275 A125 A, Maximum motor rating (UL/CSA)15 ms15 msAC operated: 0.6 - 0.3 x UC, AC operated100 %0.8 - 1.1 V AC x Uc45 kW310 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz345 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz26 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz358 W, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz26 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz27 SA28 W, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz28 W, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz20 V20 V20 V
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Assigned motor power at 230/240 V, 60 Hz, 1-phase	15 HP
Assigned motor power at 230/240 V, 60 Hz, 3-phase	40 HP
Assigned motor power at 460/480 V, 60 Hz, 3-phase Assigned motor power at 575/600 V, 60 Hz, 3-phase	75 HP 100 HP
Assigned motor power at 373/000 V, 00 Hz, 5-phase	
Connection	Screw terminals
Connection to SmartWire-DT	No
Number of auxiliary contacts (normally closed contacts)	0
Number of auxiliary contacts (normally open contacts)	0
Safe isolation	690 V AC, Between the contacts, According to EN 61140 690 V AC, Between coil and contacts, According to EN 61140
Special purpose rating of ballast electrical discharge lamps	100 A (480V 60Hz 3phase, 277V 60Hz 1phase) 100 A (600V 60Hz 3phase, 347V 60Hz 1phase)
Special purpose rating of definite purpose rating	95 A, FLA 480 V 60 Hz 3-ph, 100,000 cycles acc. to UL 1995, (UL/CSA) 570 A, LRA 480 V 60 Hz 3-ph, 100,000 cycles acc. to UL 1995, (UL/CSA)
Special purpose rating of elevator control	62.1 A, 200 V 60 Hz 3-ph, (UL/CSA) 75 HP, 600 V 60 Hz 3-ph, (UL/CSA) 77 A, 480 V 60 Hz 3-ph, (UL/CSA) 77 A, 600 V 60 Hz 3-ph, (UL/CSA) 80 A, 240 V 60 Hz 3-ph, (UL/CSA) 30 HP, 240 V 60 Hz 3-ph, (UL/CSA) 60 HP, 480 V 60 Hz 3-ph, (UL/CSA) 20 HP, 200 V 60 Hz 3-ph, (UL/CSA)
Special purpose rating of refrigeration control (CSA only)	90 A, FLA 480 V 60 Hz 3phase; (CSA) 70 A, FLA 600 V 60 Hz 3phase; (CSA) 420 A, LRA 600 V 60 Hz 3phase; (CSA) 540 A, LRA 480 V 60 Hz 3phase; (CSA)
Special purpose rating of resistance air heating	100 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA) 100 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase, (UL/CSA)
Special purpose rating of tungsten incandescent lamps	100 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA) 100 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase, (UL/CSA)
Equipment heat dissipation, current-dependent Pvid	12.6 W
Equipment heat dissipation, current-dependent Pvid Heat dissipation capacity Pdiss	12.6 W 0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation capacity Pdiss Heat dissipation per pole, current-dependent Pvid	0 W 4.2 W
Heat dissipation capacity Pdiss Heat dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (In)	0 W 4.2 W 95 A
Heat dissipation capacity Pdiss Heat dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvs	0 W 4.2 W 95 A 5.8 W
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Heat dissipation capacity Pdiss Image: Capacity Pdiss Heat dissipation per pole, current-dependent Pvid Image: Capacity Pdiss Rated operational current for specified heat dissipation (In) Image: Capacity Pdiss Static heat dissipation, non-current-dependent Pvs Image: Capacity Pdiss 10.2.2 Corrosion resistance Image: Capacity Pdiss 10.2.3.1 Verification of thermal stability of enclosures Image: Capacity Pdiss	0 W 4.2 W 95 A 5.8 W Meets the product standard's requirements. Meets the product standard's requirements.
Heat dissipation capacity PdissHeat dissipation per pole, current-dependent PvidRated operational current for specified heat dissipation (In)Static heat dissipation, non-current-dependent Pvs10.2.2 Corrosion resistance10.2.3.1 Verification of thermal stability of enclosures10.2.3.2 Verification of resistance of insulating materials to normal heat	0 W 4.2 W 95 A 5.8 W Meets the product standard's requirements.
Heat dissipation capacity PdissHeat dissipation per pole, current-dependent PvidRated operational current for specified heat dissipation (In)Static heat dissipation, non-current-dependent Pvs10.2.2 Corrosion resistance10.2.3.1 Verification of thermal stability of enclosures10.2.3.2 Verification of resistance of insulating materials to normal heat10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	0 W 4.2 W 95 A 5.8 W Meets the product standard's requirements.
Heat dissipation capacity PdissHeat dissipation per pole, current-dependent PvidRated operational current for specified heat dissipation (ln)Static heat dissipation, non-current-dependent Pvs10.2.2 Corrosion resistance10.2.3.1 Verification of thermal stability of enclosures10.2.3.2 Verification of resistance of insulating materials to normal heat10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects10.2.4 Resistance to ultra-violet (UV) radiation	0 W 4.2 W 95 A 5.8 W Meets the product standard's requirements.
Heat dissipation capacity PdissHeat dissipation per pole, current-dependent PvidRated operational current for specified heat dissipation (In)Static heat dissipation, non-current-dependent Pvs10.2.2 Corrosion resistance10.2.3.1 Verification of thermal stability of enclosures10.2.3.2 Verification of resistance of insulating materials to normal heat10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects10.2.4 Resistance to ultra-violet (UV) radiation10.2.5 Lifting	0 W 4.2 W 95 A 5.8 W Meets the product standard's requirements. Meets the
Heat dissipation capacity PdissHeat dissipation per pole, current-dependent PvidRated operational current for specified heat dissipation (ln)Static heat dissipation, non-current-dependent Pvs10.2.2 Corrosion resistance10.2.3.1 Verification of thermal stability of enclosures10.2.3.2 Verification of thermal stability of enclosures10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects10.2.4 Resistance to ultra-violet (UV) radiation10.2.5 Lifting10.2.6 Mechanical impact	0 W 4.2 W 95 A 5.8 W Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated.
Heat dissipation capacity PdissHeat dissipation per pole, current-dependent PvidRated operational current for specified heat dissipation (In)Static heat dissipation, non-current-dependent Pvs10.2.2 Corrosion resistance10.2.3.1 Verification of thermal stability of enclosures10.2.3.2 Verification of resistance of insulating materials to normal heat10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects10.2.4 Resistance to ultra-violet (UV) radiation10.2.5 Lifting10.2.6 Mechanical impact10.2.7 Inscriptions	0 W 4.2 W 95 A 5.8 W Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Meets the product standard's requirements.
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The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 8.0

Low-voltage industrial components (EG000017) / Power contactor, AC switching (EC000066)

Rated control supply voltage Us at AC 60HZ V 240 - 240 Rated control supply voltage Us at DC V 0 Voltage type for actuating V 0 Rated operation current le at AC-1,400 V A 30 Rated operation current le at AC-3,400 V A 9 Rated operation current le at AC-4,400 V A 9 Rated operation power at AC-3,400 V A 9 Rated operation power at AC-4,400 V A 9 Rated operation power NEMA KW 9 Modular version KW 9 Number of auxiliary contacts as normally open contact M No Type of electrical connection of main circuit M M Screw connection Number of normally closed contacts M M Screw connection			
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Voltage type for actuating AC Rated operation current le at AC-1, 400 V A 30 Rated operation current le at AC-3, 400 V A 95 Rated operation power at AC-3, 400 V A 90 Rated operation power at AC-4, 400 V A 90 Rated operation power at AC-4, 400 V A 90 Rated operation power at AC-4, 400 V A 90 Rated operation power at AC-4, 400 V KW 90 Rated operation power at AC-4, 400 V KW 90 Rated operation power at AC-4, 400 V KW 90 Rated operation power at AC-4, 400 V KW 90 Rated operation power at AC-4, 400 V KW 90 Rated operation power at AC-4, 400 V KW 90 Rated operation power at AC-4, 400 V KW 90 Number of auxiliary contacts as normally copen contact 0 0 Number of auxiliary contacts as normally closed contact Stew connection 0 Number of auxiliary contacts as main contact Corew connection 0	Rated control supply voltage Us at AC 60HZ	V	240 - 240
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Rated operation current le at AC-3,400 V A 9 Rated operation power at AC-3,400 V KW 4 Rated operation current le at AC-4,400 V A 0 Rated operation power at AC-4,400 V KW 5 Rated operation power at AC-4,400 V KW 5 Rated operation power NEMA KW 5 Modular version No 0 Number of auxiliary contacts as normally closed contact C 0 Type of electrical connection of main circuit KM Screw connection Number of normally closed contact C Screw connection	Voltage type for actuating		AC
Rated operation power at AC-3, 400 V KW 45 Rated operation current le at AC-4, 400 V A 50 Rated operation power at AC-4, 400 V KW 26 Rated operation power NEMA KW 55 Modular version KW 0 Number of auxiliary contacts as normally open contact Image: Contact as normally closed contact Image: Contact as normally closed contact Type of electrical connection of main circuit Image: Contact as normally closed contact Serve connection Number of normally closed contact as main contact Image: Contact as normally closed contact Serve connection Number of normally closed contact as main contact Image: Contact as main contact Serve connection Number of normally closed contact as main contact Image: Contact as main contact Serve connection Number of normally closed contact as main contact Image: Contact as main contact Serve connection	Rated operation current le at AC-1, 400 V	А	130
Rated operation current le at AC-4, 400 V A 50 Rated operation power at AC-4, 400 V KW 26 Rated operation power NEMA KW 50 Modular version KW 50 Number of auxiliary contacts as normally open contact No 0 Type of electrical connection of main circuit KW Srew connection Number of normally closed contacts Srew connection Srew connection	Rated operation current le at AC-3, 400 V	А	95
Rated operation power at AC-4, 400 V kW 26 Rated operation power NEMA kW 55 Modular version No 0 Number of auxiliary contacts as normally open contact 0 0 Type of electrical connection of main circuit etem connection Screw connection Number of normally closed contacts etem connection 0	Rated operation power at AC-3, 400 V	kW	45
Rated operation power NEMA KW 55 Modular version No Number of auxiliary contacts as normally open contact 0 Number of auxiliary contacts as normally closed contact 0 Type of electrical connection of main circuit Screw connection Number of normally closed contacts as main contact 0	Rated operation current le at AC-4, 400 V	А	50
Modular version No Number of auxiliary contacts as normally open contact 0 Number of auxiliary contacts as normally closed contact 0 Type of electrical connection of main circuit Screw connection Number of normally closed contact 0	Rated operation power at AC-4, 400 V	kW	26
Number of auxiliary contacts as normally open contact 0 Number of auxiliary contacts as normally closed contact 0 Type of electrical connection of main circuit Screw connection Number of normally closed contacts as main contact 0	Rated operation power NEMA	kW	55
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	Type of electrical connection of main circuit		Screw connection
Number of normally open contacts as main contact 3	Number of normally closed contacts as main contact		0
	Number of normally open contacts as main contact		3