## DATASHEET - DILM170(RAC24)

Part no.



Contactor, 3 pole, 380 V 400 V 90 kW, RAC 24: 24 V 50/60 Hz, AC operation, Screw terminals

DILM170(RAC24)



EL Number (Norway)	DILM170(RAC24) 107010 4130422	
General specifications		
Product name		Eaton Moeller® series DILM contactor
Part no.		DILM170(RAC24)
EAN		4015081064182
Product Length/Depth		160 millimetre
Product height		170 millimetre
Product width		90 millimetre
Product weight		2.25 kilogram
Certifications		CSA Class No.: 2411-03, 3211-04 VDE 0660 UL File No.: E29096 IEC/EN 60947 CSA File No.: 012528 CSA-C22.2 No. 60947-4-1-14 CE UL 60947-4-1 UL CSA IEC/EN 60947-4-1 UL CSA
Product Tradename		DILM
Product Type		Contactor
Product Sub Type		None
Catalog Notes		Contacts according to EN 50012
Features & Functions		
Fitted with:		Suppressor circuit in actuating electronics
General information		
Application		Contactors for Motors
Connection		Screw terminals
Degree of protection		IP00
Frame size		FS4
Lifespan, mechanical		10,000,000 Operations (AC operated)
Operating frequency		3000 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
Utilization category		AC-1: Non-inductive or slightly inductive loads, resistance furnaces AC-3: Normal AC induction motors: starting, switch off during running AC-4: Normal AC induction motors: starting, plugging, reversing, inching
Voltage type		AC
Ambient conditions, mechanical		
Shock resistance		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 7 a, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-

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
Climatic environmental conditions	
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
	40 °C
Ambient storage temperature - min	40 °C
Ambient storage temperature - max	
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Electro magnetic compatibility	
Emitted interference	According to EN 60947-1
Interference immunity	According to EN 60947-1
Terminal capacities	
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)	1 x (10 - 95) mm <sup>2</sup> , Main cables 2 x (0.75 - 2.5) mm <sup>2</sup> , Control circuit cables 2 x (10 - 70) mm <sup>2</sup> , Main cables 1 x (0.75 - 2.5) mm <sup>2</sup> , Control circuit cables
Terminal capacity (solid)	1 x (0.75 - 4) mm², 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)	1 x (16 - 95) mm², Main cables 2 x (16 - 70) mm², Main cables
Stripping length (main cable)	24 mm
Stripping length (control circuit cable)	10 mm
Screw size	M3.5, Terminal screw, Control circuit cables 5 mm AF, Hexagon socket-head spanner, Terminal screw, Main cables M10, 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
Electrical rating	
Rated breaking capacity at 220/230 V	1500 A
Rated breaking capacity at 380/400 V	1500 A
Rated breaking capacity at 500 V	1500 A
Rated breaking capacity at 660/690 V	1320 A
Rated operational current (Ie) at AC-1, 380 V, 400 V, 415 V	225 A
Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	170 A
Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	170 A
Rated operational current (Ie) at AC-3, 440 V	170 A
Rated operational current (Ie) at AC-3, 500 V	170 A
Rated operational current (Ie) at AC-3, 660 V, 690 V	100 A
Rated operational current (Ie) at AC-4, 220 V, 230 V, 240 V	65 A
Rated operational current (Ie) at AC-4, 440 V	65 A
Rated operational current (Ie) at AC-4, 500 V	65 A
Rated operational current (Ie) at AC-4, 660 V, 690 V	50 A
Rated operational current (Ie) at DC-1, 60 V	160 A
Rated operational current (Ie) at DC-1, 110 V	160 A
Rated operational current (Ie) at DC-1, 220 V	90 A
Rated insulation voltage (Ui)	690 V
Rated making capacity up to 690 V (cos phi to IEC/EN 60947)	2100 A
Rated operational power at AC-3, 240 V, 50 Hz	
	57 kW
Rated operational power at AC-3, 380/400 V, 50 Hz	57 kW 90 kW
Rated operational power at AC-3, 380/400 V, 50 Hz   Rated operational power at AC-3, 415 V, 50 Hz	

10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27 when

Rated operational power at AC-3, 500 V, 50 Hz	120 144
	120 kW
Rated operational power at AC-3, 690 V, 50 Hz	96 kW
Rated operational power at AC-4, 220/230 V, 50 Hz	20 kW
Rated operational power at AC-4, 240 V, 50 Hz	22 kW
Rated operational power at AC-4, 415 V, 50 Hz	39 kW
Rated operational power at AC-4, 440 V, 50 Hz	41 kW
Rated operational power at AC-4, 500 V, 50 Hz	47 kW
Rated operational power at AC-4, 660/690 V, 50 Hz	48 kW
Rated operational voltage (Ue) at AC - max	690 V
Short-circuit rating	
Short-circuit current rating (basic rating)	600 A, max. Fuse, SCCR (UL/CSA) 10 kA, SCCR (UL/CSA) 600 A, max. CB, 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) 250 A, max. CB, SCCR (UL/CSA) 65 kA, CB, SCCR (UL/CSA)
Short-circuit current rating (high fault at 600 V)	300/600 A, Class J, max. Fuse, SCCR (UL/CSA) 350 A, max. CB, SCCR (UL/CSA) 30 kA, CB, SCCR (UL/CSA) 30/100 kA, Fuse, 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	250 A gG/gL
Short-circuit protection rating (type 2 coordination) at 400 V	250 A gG/gL
Short-circuit protection rating (type 2 coordination) at 690 V	250 A gG/gL
Conventional thermal current Ith	
Conventional thermal current ith (1-pole, enclosed)	415 A
Conventional thermal current ith (3-pole, enclosed)	166 A
Conventional thermal current ith at 55°C (3-pole, open)	190 A
Conventional thermal current ith at 60°C (3-pole, open)	185 A
Conventional thermal current ith of main contacts (1-pole, open)	460 A
Switching capacity	
Switching capacity (main contacts, general use)	225 A, Maximum motor rating (UL/CSA)
Magnet system	
Arcing time	15 ms
Drop-out voltage	AC operated: 0.6 - 0.25 x UC, AC operated
Duty factor	100 %
Pick-up voltage	0.8 - 1.15 V AC x Uc
Power consumption, pick-up, 50 Hz	180 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz
Power consumption, pick-up, 60 Hz	170 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz
Power consumption, sealing, 50 Hz	2.3 W, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz
Power consumption, sealing, 60 Hz	3.1 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 3.1 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz
	2.3 W, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz
Rated control supply voltage (Us) at AC, 50 Hz - min	24 V
Rated control supply voltage (Us) at AC, 50 Hz - max	24 V
Rated control supply voltage (Us) at AC, 60 Hz - min	24 V
	24 V
Rated control supply voltage (Us) at AC, 60 Hz - max	
Rated control supply voltage (Us) at DC - min	0 V
Rated control supply voltage (Us) at DC - min Rated control supply voltage (Us) at DC - max	0 V
Rated control supply voltage (Us) at DC - min   Rated control supply voltage (Us) at DC - max   Switching time (AC operated, make contacts, closing delay) - min	0 V 28 ms
Rated control supply voltage (Us) at DC - min   Rated control supply voltage (Us) at DC - max   Switching time (AC operated, make contacts, closing delay) - min   Switching time (AC operated, make contacts, closing delay) - max	0 V 28 ms 33 ms
Rated control supply voltage (Us) at DC - min   Rated control supply voltage (Us) at DC - max   Switching time (AC operated, make contacts, closing delay) - min   Switching time (AC operated, make contacts, closing delay) - max   Switching time (AC operated, make contacts, opening delay) - min   Switching time (AC operated, make contacts, opening delay) - min	0 V 28 ms 33 ms 35 ms
Rated control supply voltage (Us) at DC - min   Rated control supply voltage (Us) at DC - max   Switching time (AC operated, make contacts, closing delay) - min   Switching time (AC operated, make contacts, closing delay) - max   Switching time (AC operated, make contacts, opening delay) - min   Switching time (AC operated, make contacts, opening delay) - max   Switching time (AC operated, make contacts, opening delay) - max	0 V 28 ms 33 ms
Rated control supply voltage (Us) at DC - min   Rated control supply voltage (Us) at DC - max   Switching time (AC operated, make contacts, closing delay) - min   Switching time (AC operated, make contacts, closing delay) - max   Switching time (AC operated, make contacts, opening delay) - min   Switching time (AC operated, make contacts, opening delay) - min	0 V 28 ms 33 ms 35 ms
Rated control supply voltage (Us) at DC - min   Rated control supply voltage (Us) at DC - max   Switching time (AC operated, make contacts, closing delay) - min   Switching time (AC operated, make contacts, closing delay) - max   Switching time (AC operated, make contacts, opening delay) - min   Switching time (AC operated, make contacts, opening delay) - max   Switching time (AC operated, make contacts, opening delay) - max	0 V 28 ms 33 ms 35 ms
Rated control supply voltage (Us) at DC - min   Rated control supply voltage (Us) at DC - max   Switching time (AC operated, make contacts, closing delay) - min   Switching time (AC operated, make contacts, closing delay) - max   Switching time (AC operated, make contacts, closing delay) - max   Switching time (AC operated, make contacts, opening delay) - min   Switching time (AC operated, make contacts, opening delay) - min   Switching time (AC operated, make contacts, opening delay) - max   Motor rating	0 V 28 ms 33 ms 35 ms 41 ms
Rated control supply voltage (Us) at DC - min   Rated control supply voltage (Us) at DC - max   Switching time (AC operated, make contacts, closing delay) - min   Switching time (AC operated, make contacts, closing delay) - max   Switching time (AC operated, make contacts, closing delay) - max   Switching time (AC operated, make contacts, opening delay) - min   Switching time (AC operated, make contacts, opening delay) - min   Switching time (AC operated, make contacts, opening delay) - max   Motor rating   Assigned motor power at 115/120 V, 60 Hz, 1-phase	0 V 28 ms 33 ms 35 ms 41 ms 10 HP

Assign and program at 484/881 (25 Mp. 5-plane   15 MP     Assign and program at 484/881 (25 Mp. 5-plane)   15 MP     Communication   15 MP     Communication   0     Feature of a collery contracts (commany gene contracts)   0     Section   0     Section   0     Section   0     Section   0     Section and program at 484/881 (contracts)   0     Section   000 / ////////////////////////////////		
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Contraction to Simulfive 6T   No     Contraction to Simulfive 6T   0     Marker of excelling vortices (semilling construction)   0     Subtraction of excelling vortices (semilling construction)   0     Subtraction of excelling vortices (semilling construction)   0     Special purposes rating of excelling construction of excelling vortices (semilling construction)   0     Special purposes rating of excelling construction of excelling vortices (semilling construction)   0     Special purposes rating of excelling construction of excelling vortices (semilling construction)   0     Special purposes rating of excelling construction of excelling vortices (semilling construction)   0     Special purposes rating of excelling construction of excelling vortices (semilling construction)   0     Special purposes rating of excelling construction of excelling vortices (semilling construction)   0     Special purposes rating of excelling construction of excelling vortices (semilling construction)   0     Special purposes rating of excelling constructions (semilling construction)   0     Special purposes rating of relations construction (SA construction)   0     Special purposes rating of relations construction (SA construction)   0     Special purposes rating of relations constructin (SA construction)	Assigned motor power at 575/600 V, 60 Hz, 3-phase	125 HP
Contracts   Image: a maximum contract (contract)   Image: a maximum contract (contract)     Miniter of maximum contracts (contract)   Image: a maximum contract (contract)   Image: a maximum contract (contract)     Select process ratings   Image: a maximum contract (contract)   Image: a maximum contract (contract)     Special purposes rating of contract (contract)   Image: a maximum contract (contract)   Image: a maximum contract (contract)     Special purposes rating of contract control   Image: a maximum contract (contract)   Image: a maximum contract (contract)     Special purposes rating of contract control   Image: a maximum contract (contract)   Image: a maximum contract (contract)     Special purposes rating of contract control   Image: a maximum contract (contract)   Image: a maximum contract (contract)     Special purposes rating of contract control   Image: a maximum contract (contract)   Image: a maximum contract (contract)     Special purposes rating of contract control   Image: a maximum contract (contract)   Image: a maximum contract (contract)     Special purposes rating of contract control   Image: a maximum contract (contract)   Image: a maximum contract (contract)     Special purposes rating of resistance at leasing   Image: a maximum contract (contract)   Image: a maximum contrant contract (contract)     <	Communication	
Number of auxiliary contacts informally quee contacts)   Image: contact informally quee contacts)     Seley   Image: contact informally quee contacts)   Image: contact informally quee contacts)     Seley   Image: contact informally quee contacts)   Image: contact informally quee contacts)     Seley   Image: contact informally quee contacts)   Image: contact informally quee contacts)     Special purpose nitring of halfshie purpose nitring   Image: contact informally quee cont	Connection to SmartWire-DT	No
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Number of auxiliary contacts inounsily space catacts in   Image: Contact in the contact	Number of auxiliary contacts (normally closed contacts)	0
Shirty   Shirts   Shirts<		
She is location   BD V 4C. Browsen that contracts, According to CB B100     Special purpose rating of balast detactical displaying barges   USA 600 V 6017 Splass, STV 6017 (plass)     Special purpose rating of dishter purpose rating   USA 600 V 6017 Splass, STV 6017 (plass)     Special purpose rating of dishter purpose rating   USA 600 V 6017 Splass, STV 6017 (plass)     Special purpose rating of diverser control   Splass, STV 6017 Splass, STV 6017 (plass)     Special purpose rating of diverser control   Splass, STV 6017 Splas		
But VAC Between the contracts. According to EN B1100     Special purpose rating of builts detering tistecharge langes   Built of the SPN 0001 Sphese, STY 0001 (these)     Special purpose rating of definite purpose rating   TIDA LED VIGIT Sphese, STY 0001 (these)     Special purpose rating of definite purpose rating   TIDA LED VIGIT Sphese, STY 0001 (these)     Special purpose rating of definite purpose rating   Bit A 4007 VIGIT Sphese, STY 0001 (these)     Special purpose rating of definite purpose rating   Bit A 4007 VIGIT Sphese, STAN 0000 (cycles e.ct. ULU SPA)     Special purpose rating of definite purpose rati		COONAC Detuces call and contents According to EN \$1140
Special purpose rating of balast selectical discharge lamps   If 6.4.000 V601: Qhases. 20V 601: (bits)     Special purpose rating of definite purpose rating   If 6.4.000 V601: Qhases. 20V 601: (bits)     Special purpose rating of definite purpose rating   If 6.4.000 V601: Qhases. 20V 601: (bits)     Special purpose rating of definite purpose rating   If 6.4.000 V601: Qhases. 20V 601: (bits)     Special purpose rating of devotor control   If 6.4.000 V601: Qhases. 20V 601: (bits)     Special purpose rating of relayants ocotrol   If 6.4.000 V601: Qhases. 20V 601: (bits)     Special purpose rating of relayants ocotrol   If 6.4.000 V601: Qhases. 20V 601: (bits)     Special purpose rating of relayants ocotrol   If 6.4.000 V601: Qhases. (CSA)     Special purpose rating of relayants ocotrol   If 6.4.000 V601: Qhases. (CSA)     Special purpose rating of relayants ocotrol   If 6.4.000 V601: Qhases. (CSA)     Special purpose rating of relayants ocotrol   If 6.4.000 V601: Qhases. (CSA)     Special purpose rating of relayants ocotrol   If 6.4.000 V601: Qhases. (CSA)     Special purpose rating of relayants ocotrol   If 6.4.000 V601: Qhases. (CSA)     Special purpose rating of relayants   If 7.4.000 V601: Qhases. (CSA)     Special purpose rating of relayants   If 7.4.000 V601: Qhases. (CSA)     Special purpose r		
Special purpose rating of definite purpose rating   IMA (4007 definit sphase, 7277 defits 1 (hask) (hask)     Special purpose rating of delivetor control   IMA (4007 definit sphase, 7277 defits 1 (hask) (hull)SSA)     Special purpose rating of delivetor control   IMA (4007 definit sphase, 7277 defits 1 (hull)SSA)     Special purpose rating of delivetor control   IMA (4007 definit sphase, 7277 defits 1 (hull)SSA)     Special purpose rating of refrigeration control (ISA only)   Image: Final Addition (Final Sphase, 7277 defits 1 (hull)SSA)     Special purpose rating of refrigeration control (ISA only)   Image: Final Addition (Final Sphase, 7277 defits 1 (hull)SSA)     Special purpose rating of refrigeration control (ISA only)   Image: Final Addition (Final Sphase, 7277 defits 1 (hull)SSA)     Special purpose rating of refrigeration control (ISA only)   Image: Final Addition (Final Sphase, 7277 defits 1 (hull)SSA)     Special purpose rating of refrigeration control (ISA only)   Image: Final Addition (Final Sphase, 7277 defits 1 (hull)SSA)     Special purpose rating of refrigeration control (ISA only)   Image: Final Addition (Final Sphase, 7277 defits 1 (hull)SSA)     Special purpose rating of refrigeration control (ISA only)   Image: Final Addition (Final Sphase, 7277 defits 1 (hull)SSA)     Special purpose rating of refrigeration control (ISA only)   Image: Final Addition (Final Sphase, 7277 defits 1 (hull)SSA)     Special purpose rating	Special purpose ratings	
Special purpose rating of lefinite purpose rating of refinite ratio in State Purpose rating of resistance all heading   Image: Purpose rating of refinite ratio in State Purpose rating of resistance all heading   Image: Purpose rating of refinite ratio in State Purpose rating of resistance all heading   Image: Purpose rating of resistance (SAA out)   Image: Purpose rating of resistance all heading   Image: Purpose rating of resistance (SAA out)   Image: Purpose rating of resistance all heading   Image: Purpose rating of resistance (SAA out)   Image: Purpose rating of resistance all heading   Image: Purpose rating of resistance all heading   Image: Purpose rating of Purpose Purpo	Special purpose rating of ballast electrical discharge lamps	160 A (600V 60Hz 3phase, 347V 60Hz 1phase)
Special purpose rating of elevator control Special purpose rating of elevator control<		160 A (480V 60Hz 3phase, 277V 60Hz 1phase)
94. A 680 V 91 H: 3-bi, LUCSA)   Special purpose rating of rafrigeration control (LSA only)   Special purpose rating of resistance air heating   Special purpose rating of tresistance air heating	Special purpose rating of definite purpose rating	
Special purpose rating of resistance air heating   So A, F.A, 480 V 60 Hz Sphase; (CSA)     Special purpose rating of resistance air heating   So A, F.A, 480 V 60 Hz Sphase; 277 V 60 Hz Iphase, IUUCSA)     Special purpose rating of tungsten incandescont lamps   ISO A, 460 V 60 Hz Sphase; 277 V 60 Hz Iphase, IUUCSA)     Design verification   ISO A, 460 V 60 Hz Sphase; 277 V 60 Hz Iphase, IUUCSA)     Head dissipation genoty charmed periodent Pvid   ISO A, 460 V 60 Hz Sphase; 277 V 60 Hz Iphase, IUUCSA)     Head dissipation genoty charmed periodent Pvid   ISO A, 460 V 60 Hz Sphase; 277 V 60 Hz Iphase, IUUCSA)     Head dissipation genoty charmed periodent Pvid   ISO A, 490 V 60 Hz Sphase; 277 V 60 Hz Iphase, IUUCSA)     Head dissipation genoty, current-dependent Pvid   ISO A     Head dissipation, non-current-dependent Pvid   ISO A     ID2.2 Groation resistance   ISO A     ID2.2 Averation of nermal stability of enclosures   Meets the product standard's requirements.     ID2.3 Verification of thermal stability of enclosures   Meets the product standard's requirements.     ID2.4 Dystatus diverse d	Special purpose rating of elevator control	99 A, 600 V 60 Hz 3-ph, (UL/CSA) 104 A, 240 V 60 Hz 3-ph, (UL/CSA) 92 A, 200 V 60 Hz 3-ph, (UL/CSA) 40 HP, 240 V 60 Hz 3-ph, (UL/CSA) 100 HP, 600 V 60 Hz 3-ph, (UL/CSA) 30 HP, 200 V 60 Hz 3-ph, (UL/CSA)
100 A, 000 V 00 Hz sphase, 277 V 00	Special purpose rating of refrigeration control (CSA only)	540 A, LRA 600 V 60 Hz 3phase; (CSA) 90 A, FLA 480 V 60 Hz 3phase; (CSA)
Besign verification 160 A, 480 V 60 Hz 2ghase, 277 V 60 Hz 1ghase, (U/CSA)   Equipment hast dissipation, current-dependent Pvid 41.1 W   Heat dissipation per pole, current-dependent Pvid 0   Heat dissipation per pole, current-dependent Pvid 13.7 W   Rated operational current for specified heat dissipation (In) 170 A   Static heat dissipation, non-current-dependent Pvs 2.3 W   10.2.2.2 Orroisin resistance Meets the product standard's requirements.   10.2.2.2 Vorification of thermal stability of enclosures Meets the product standard's requirements.   10.2.2.3 Virification of resistance of insultang materials to normal heat Meets the product standard's requirements.   10.2.2.4 Statistance to ultra-violet (UV) radiation Meets the product standard's requirements.   10.2.2.4 Resistance to ultra-violet (UV) radiation Dees not apply, since the entire switchger needs to be evaluated.   10.2.5 Ithing Dees not apply, since the entire switchger needs to be evaluated.   10.2.7 Inscriptors Dees not apply, since the entire switchger needs to be evaluated.   10.8 Green of protection of assemblies Dees not apply, since the entire switchger needs to be evaluated.   10.9 There in electrica elicitica inductors Endower the entire switchger needs to be evaluated.   10.8 Comporation of switching devices and comp	Special purpose rating of resistance air heating	
Equipment heat dissipation, current-dependent Pvid   41.1 W     Heat dissipation capacity Pdiss   0W     Heat dissipation capacity Pdiss   0W     Rated operational current-dependent Pvid   13.7 W     Rated operational current for specified heat dissipation (In)   170 A     Static heat dissipation, non-current-dependent Pve   23 W     102.2 Corosion resistance   Meets the product standard's requirements.     102.2.3 Verification of thermal stability of enclosures   Meets the product standard's requirements.     102.3.2 Verification of resistance of insulating materials to normal heat   Meets the product standard's requirements.     102.3.2 Verification of resistance of insulating materials to normal heat   Meets the product standard's requirements.     102.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects   Meets the product standard's requirements.     102.5 Mechanical impact   Does not apply, since the entire switchgear needs to be evaluated.     102.5 Mechanical impact   Does not apply, since the entire switchgear needs to be evaluated.     103.2 Meets the product standard's requirements.   Does not apply, since the entire switchgear needs to be evaluated.     103.2 Meets the product standard's requirements.   Does not apply, since the entire switchgaar needs to be evaluated.	Special purpose rating of tungsten incandescent lamps	
Heat dissipation capacity Pdiss   OW     Heat dissipation capacity Pdiss   0W     Rated operational current for specified heat dissipation (In)   13.7 W     Static heat dissipation, non-current-dependent Pvs   23.0 V     102.2 Corrosion resistance   Meets the product standard's requirements.     102.2.1 Verification of themal stability of enclosures   Meets the product standard's requirements.     102.2.2 Verification of resistance of insulating materials to normal heat   Meets the product standard's requirements.     102.2.1 Verification of resistance of insulating materials to normal heat   Meets the product standard's requirements.     102.2.2 Verification of resistance of insulating materials to normal heat   Meets the product standard's requirements.     102.2.1 Verification of assemblies   Does not apply, since the entire switchgear needs to be evaluated.     102.2 Nechanical impact   Does not apply, since the entire switchgear needs to be evaluated.     10.2 Borgere of protection against electric shock   Does not apply, since the entire switchgear needs to be evaluated.     10.4 Peratoreces and compage distances   Is the panel builder's responsibility.     10.4 Dearnoces and compage distances   Is the panel builder's responsibility.     10.4 Peratoreces and compage distances   Is the panel builder's responsibility.	Design verification	
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## **Technical data ETIM 9.0**

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

Low-voltage industrial components (EG000017) / Power contactor, AC switching (EC000066)					
Electric engineering, automation, process control engineering / Low-voltage switch tech	nology / Contactor	(LV) / Power contactor, AC switching (ecl@ss13-27-37-10-03 [AAB718020])			
Rated control supply voltage AC 50 Hz	V	24 - 24			
Rated control supply voltage AC 60 Hz	V	24 - 24			
Rated control supply voltage DC	V	0 - 0			
Voltage type for actuating		AC			
Number of normally closed contacts as main contact		0			
Number of normally open contacts as main contact		3			
Type of electrical connection of main circuit		Screw connection			
Operating voltage AC 50 Hz	V	230 - 690			
Operating voltage AC 60 Hz	V	230 - 690			
Rated operation current le at AC-1, 400 V	А	225			
Rated operation current le at AC-3, 400 V	А	170			
Rated operation power at AC-3, 400 V	kW	90			
Rated operation current le at AC-4, 400 V	А	65			
Rated operation power at AC-4, 400 V	kW	33			
Rated operation power NEMA	kW	93			
Number of auxiliary contacts as normally open contact		0			
Number of auxiliary contacts as normally closed contact		0			
Modular version		No			
Width	mm	90			
Height	mm	170			
Depth	mm	160			