DATASHEET - DILM17-01(RDC24)

Contactor, 3 pole, 380 V 400 V 7.5 kW, 1 NC, RDC 24: 24 - 27 V DC, DC operation, Screw terminals



Part no.	DILM17-01(RDC24)
	277050
EL Number	4130339
(Norway)	

Product name	Eaton Moeller® series DILM contactor
Part no.	DILM17-01(RDC24)
EAN	4015082770501
Product Length/Depth	97 millimetre
Product height	85 millimetre
Product width	45 millimetre
Product weight	0.534 kilogram
Certifications	UL 60947-4-1 UL File No.: E29096 IEC/EN 60947-4-1 CSA File No.: 012528 CSA-C22.2 No. 60947-4-1-14 CSA IEC/EN 60947 UL UL Category Control No.: NLDX CSA Class No.: 2411-03, 3211-04 CE VDE 0660
Product Tradename	DILM
Product Type	Contactor
Product Sub Type	None
Catalog Notes	Contacts according to EN 50012
Fitted with:	Suppressor circuit in actuating electronics Mirror contact
Application	Contactors for Motors
Degree of protection	IPOO
Frame size	FS2
Lifespan, mechanical	10,000,000 Operations (DC operated)
Operating frequency	5000 mechanical Operations/h (DC operated)
Overvoltage category	
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
Resistance per pole	2.7
Suitable for	Also motors with efficiency class IE3
Utilization category	AC-1: Non-inductive or slightly inductive loads, resistance furnaces AC-4: Normal AC induction motors: starting, plugging, reversing, inching AC-3: Normal AC induction motors: starting, switch off during running
Voltage type	DC
Shock resistance	7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 3.5 g, N/C 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 5.3 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal shock 10 ms 6.9 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 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

Altitude	Max. 2000 m
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	-23 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	40 °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
Terminal capacity (flexible with ferrule)	2 x (0.75 - 10) mm ² , Main cables 2 x (0.75 - 2.5) mm ² , Control circuit cables 1 x (0.75 - 16) mm ² , Main cables 1 x (0.75 - 2.5) mm ² , Control circuit cables
Terminal capacity (solid)	1 x (0.75 - 16) mm ² , Main cables 2 x (0.75 - 10) mm ² , Main cables 1 x (0.75 - 4) mm ² , Control circuit cables 2 x (0.75 - 2.5) mm ² , Control circuit cables
Terminal capacity (solid/stranded AWG)	Single 18 - 6, double 18 - 8, Main cables 18 - 14, Control circuit cables
Terminal capacity (stranded)	1 x 16 mm², Main cables
Stripping length (main cable)	10 mm
Stripping length (control circuit cable)	10 mm
Screw size	M5, Terminal screw, Main cables M3.5, Terminal screw, Control circuit cables
Screwdriver size	2, Terminal screw, Pozidriv screwdriver 0.8 x 5.5/1 x 6 mm, Terminal screw, Standard screwdriver
Tightening torque	1.2 Nm, Screw terminals, Control circuit cables 3.2 Nm, Screw terminals, Main cables
Rated breaking capacity at 220/230 V	170 A
Rated breaking capacity at 380/400 V	170 A
Rated breaking capacity at 500 V	170 A
Rated breaking capacity at 660/690 V	120 A
Rated operational current (Ie) at AC-1, 380 V, 400 V, 415 V	40 A
Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	18 A
Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	18 A
Rated operational current (Ie) at AC-3, 440 V	18 A
Rated operational current (Ie) at AC-3, 500 V	18 A
Rated operational current (Ie) at AC-3, 660 V, 690 V	12 A
Rated operational current (Ie) at AC-4, 220 V, 230 V, 240 V	10 A
Rated operational current (le) at AC-4, 440 V	10 A
Rated operational current (Ie) at AC-4, 500 V	10 A
Rated operational current (Ie) at AC-4, 660 V, 690 V	8A
Rated operational current (Ie) at DC-1, 60 V	35 A
Rated operational current (Ie) at DC-1, 110 V	35 A
Rated operational current (le) at DC-1, 220 V	35 A
Rated insulation voltage (Ui)	690 V
Rated making capacity up to 690 V (cos phi to IEC/EN 60947)	238 A
Rated operational power at AC-3, 240 V, 50 Hz Rated operational power at AC-3, 290/400 V, 50 Hz	5.5 kW
Rated operational power at AC-3, 380/400 V, 50 Hz Rated operational power at AC-3, 415 V, 50 Hz	7.5 kW 10 kW
Rated operational power at AC-3, 415 V, 50 Hz Rated operational power at AC-3, 440 V, 50 Hz	10.5 kW
Rated operational power at AC-3, 500 V, 50 Hz	10.5 KW 12 kW
Rated operational power at AC-3, 690 V, 50 Hz	11 kW
Rated operational power at AC-3, 220/230 V, 50 Hz	2.5 kW
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Rated operational power at AC-4, 240 V, 50 Hz	3 kW
Rated operational power at AC-4, 415 V, 50 Hz	5 kW
Rated operational power at AC-4, 440 V, 50 Hz	5.5 kW
Rated operational power at AC-4, 500 V, 50 Hz	6 kW
Rated operational power at AC-4, 660/690 V, 50 Hz	6.5 kW
Rated operational voltage (Ue) at AC - max	690 V
Short-circuit current rating (basic rating)	125 A, max. Fuse, SCCR (UL/CSA) 5 kA, SCCR (UL/CSA) 125 A, max. CB, SCCR (UL/CSA)
Short-circuit current rating (high fault at 480 V)	125/70 A, Class J, max. Fuse, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA) 10/65 kA, CB, SCCR (UL/CSA) 50/32 A, max. CB, SCCR (UL/CSA)
Short-circuit current rating (high fault at 600 V)	125/70 A, Class J, max. Fuse, SCCR (UL/CSA) 50/32 A, max. CB, SCCR (UL/CSA) 10/22 kA, CB, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA)
Short-circuit protection rating (type 1 coordination) at 400 V	63 A gG/gL
Short-circuit protection rating (type 1 coordination) at 690 V	50 A gG/gL
Short-circuit protection rating (type 2 coordination) at 400 V	35 A gG/gL
Short-circuit protection rating (type 2 coordination) at 690 V	35 A gG/gL
Conventional thermal current ith (1-pole, enclosed)	80 A
Conventional thermal current ith (3-pole, enclosed)	32 A
Conventional thermal current ith at 55°C (3-pole, open)	37 A
Conventional thermal current ith at 60°C (3-pole, open)	35 A
Conventional thermal current ith of main contacts (1-pole, open)	88 A
Switching capacity (main contacts, general use)	40 A, Maximum motor rating (UL/CSA)
Switching capacity (auxiliary contacts, general use)	10 A, 600 V AC, (UL/CSA)
	1 A, 250 V DC, (UL/CSA)
Switching capacity (auxiliary contacts, pilot duty)	A600, AC operated (UL/CSA) P300, DC operated (UL/CSA)
	P300, DC operated (UL/CSA)
Switching capacity (auxiliary contacts, pilot duty) Arcing time	
	P300, DC operated (UL/CSA)
Arcing time	P300, DC operated (UL/CSA) 10 ms 0.6 - 0.15 x UC, DC operated
Arcing time Drop-out voltage	P300, DC operated (UL/CSA) 10 ms 0.6 - 0.15 x UC, DC operated At least smoothed two-phase bridge rectifier or three-phase rectifier
Arcing time Drop-out voltage Duty factor	P300, DC operated (UL/CSA) 10 ms 0.6 - 0.15 x UC, DC operated At least smoothed two-phase bridge rectifier or three-phase rectifier 100 % 24 - 27 V DC (RDC 24)
Arcing time Drop-out voltage Duty factor Pick-up voltage	P300, DC operated (UL/CSA) P300, DC operated (UL
Arcing time Image: Constraint of the second of the secon	P300, DC operated (UL/CSA) 10 ms 0.6 - 0.15 x UC, DC operated At least smoothed two-phase bridge rectifier or three-phase rectifier 100 % 24 - 27 V DC (RDC 24) 0.7 - 1.2 V DC x Uc 12 W
Arcing time Image: Constraint of the second of the secon	P300, DC operated (UL/CSA) 10 ms 0.6 - 0.15 x UC, DC operated At least smoothed two-phase bridge rectifier or three-phase rectifier 100 % 24 - 27 V DC (RDC 24) 0.7 - 1.2 V DC x Uc 12 W 0.9 W
Arcing time Image: Control supply voltage Drop-out voltage Image: Control supply voltage (Us) at AC, 50 Hz - max	 P300, DC operated (UL/CSA) 10 ms 0.6 - 0.15 x UC, DC operated At least smoothed two-phase bridge rectifier or three-phase rectifier 100 % 24 - 27 V DC (RDC 24) 0.7 - 1.2 V DC x Uc 12 W 0.9 W 0 V 0 V 0 V
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Arcing timeDrop-out voltageDuty factorPick-up voltagePower consumption (pick-up) at DCPower consumption (sealing) at DCRated control supply voltage (Us) at AC, 50 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - max	 P300, DC operated (UL/CSA) 10 ms 0.6 - 0.15 x UC, DC operated At least smoothed two-phase bridge rectifier or three-phase rectifier 100 % 24 - 27 V DC (RDC 24) 0.7 - 1.2 V DC x Uc 12 W 0.9 W 0.9 W 0.1 V 0.1
Arcing timeArcing timeDrop-out voltageImage: Image: Ima	 P300, DC operated (UL/CSA) 10 ms 06 - 0.15 x UC, DC operated At least smoothed two-phase bridge rectifier or three-phase rectifier 100 % 44 - 27 V DC (RDC 24) 0.7 - 1.2 V DC x Uc 12 W 0.9 W 0.9 W 0.9 W 0.9 V 0.9
Arcing timeArcing timeDrop-out voltageImage: Image: Ima	P300, DC operated (UL/CSA) 10 ms 0.6 - 0.15 x UC, DC operated At least smoothed two-phase bridge rectifier or three-phase rectifier 100 % 24 - 27 V DC (RDC 24) 0.7 - 1.2 V DC x Uc 12 W 0.9 W 0.4 OV 0.5 OV 0.5 OV 0.5 OV 0.5 OV 24 V 27 V
Arcing timeDrop-out voltageDuty factorPick-up voltagePower consumption (pick-up) at DCPower consumption (sealing) at DCRated control supply voltage (Us) at AC, 50 Hz - minRated control supply voltage (Us) at AC, 50 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - minRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxSwitching time (DC operated, make contacts, closing delay) - max	 P300, DC operated (UL/CSA) 10 ms 0.6 - 0.15 x UC, DC operated At least smoothed two-phase bridge rectifier or three-phase rectifier 100 % 24 - 27 V DC (RDC 24) 0.7 - 1.2 V DC x Uc 12 W 0.9 W 12 W <li< td=""></li<>
Arcing timeArcing timeDrop-out voltageImage: Image: Ima	P300, DC operated (UL/CSA) 10 ms 0.6 - 0.15 x UC, DC operated xt least smoothed two-phase bridge rectifier or three-phase rectifier 100 % 24 - 27 V DC (RDC 24) 0.7 - 1.2 V DC x Uc 12 W 0.9 W 0.V 0.V 0.V 0.V 24 - 27 V DC 27 V DC (RDC 24) 0.7 - 1.2 V DC x Uc
Arcing timeDrop-out voltageDuty factorPick-up voltagePower consumption (pick-up) at DCPower consumption (sealing) at DCRated control supply voltage (Us) at AC, 50 Hz - minRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - minRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxSwitching time (DC operated, make contacts, closing delay) - maxSwitching time (DC operated, make contacts, opening delay) - max	P300, DC operated (UL/CSA) 10 ms 0.6 - 0.15 x UC, DC operated At least smoothed two-phase bridge rectifier or three-phase rectifier 100 % 24 - 27 V DC (RDC 24) 0.7 - 1.2 V DC x Uc 12 W 0.9 W 0.9 W 0.V 0.V 0.V 0.V 24 - 27 V DC 0.V 0.V 0.V 12 W 0.1 T (1)
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Arcing timeDrop-out voltageDuty factorPick-up voltagePower consumption (pick-up) at DCPower consumption (pick-up) at DCPower consumption (sealing) at DCRated control supply voltage (Us) at AC, 50 Hz - minRated control supply voltage (Us) at AC, 50 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxSwitching time (DC operated, make contacts, closing delay) - maxSwitching time (DC operated, make contacts, opening delay) - maxSwitching time (DC operated, make contacts, opening delay) - maxAssigned motor power at 115/120 V, 60 Hz, 1-phaseAssigned motor power at 200/208 V, 60 Hz, 3-phase	P300, DC operated (UL/CSA) 10 ms 0.6 - 0.15 x UC, DC operated At least smoothed two-phase bridge rectifier or three-phase rectifier 100 % 24 - 27 V DC (RDC 24) 0.7 - 1.2 V DC x Uc 12 W 0.9 W 0.9 W 0.9 V 0.1 0 V 0.1 0 V 0.1 0 V 12 W 0.1 0 V 12 W 0.9 W 0.9 W 0.1 0 V 12 W 0.1 0 V 12 W 0.1 0 V 13 0 Ms 14 T ms 15 0 ms 15 1 P
Arcing timeDrop-out voltageDuty factorPick-up voltagePower consumption (pick-up) at DCPower consumption (sealing) at DCRated control supply voltage (Us) at AC, 50 Hz - minRated control supply voltage (Us) at AC, 50 Hz - minRated control supply voltage (Us) at AC, 60 Hz - minRated control supply voltage (Us) at AC, 60 Hz - minRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxSwitching time (DC operated, make contacts, closing delay) - maxSwitching time (DC operated, make contacts, opening delay) - maxSwitching time (DC operated, make contacts, opening delay) - maxAssigned motor power at 115/120 V, 60 Hz, 3-phaseAssigned motor power at 230/240 V, 60 Hz, 1-phase	P300, DC operated (UL/CSA) 10 ms 0.6 - 0.15 x UC, DC operated At least smoothed two-phase bridge rectifier or three-phase rectifier 100 % 24 - 27 V DC (RDC 24) 0.7 - 1.2 V DC x Uc 12 W 0.9 W 0.V 0.V 0.V 0.V 24 - 27 V DC 0.V 0.9 W 0.V 0.V 0.V 2.7 V 2.4 V 2.5 PV 2.6 PV 2.7 V 2.8 P 3.0 ms 2.9 P 2.1 P 3.1 P
Arcing time Arcing time Drop-out voltage Image:	P300, DC operated (UL/CSA) 10 ms 0.6 - 0.15 x UC, DC operated At least smoothed two-phase bridge rectifier or three-phase rectifier 100 % 24 - 27 V DC (RDC 24) 0.7 - 1.2 V DC x Uc 12 W 0.9 W 0.9 W 0.10 V 10 N 10 PN 11 PN 12 PN 13 PN 14 PN 15 HP 16 PN
Arcing timeDrop-out voltageDuty factorPick-up voltagePower consumption (pick-up) at DCPower consumption (pick-up) at DCPower consumption (sealing) at DCRated control supply voltage (Us) at AC, 50 Hz - minRated control supply voltage (Us) at AC, 60 Hz - minRated control supply voltage (Us) at AC, 60 Hz - minRated control supply voltage (Us) at AC, 60 Hz - minRated control supply voltage (Us) at AC, 60 Hz - minRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at DC - maxSwitching time (DC operated, make contacts, closing delay) - maxSwitching time (DC operated, make contacts, opening delay) - maxAssigned motor power at 115/120 V, 60 Hz, 1-phaseAssigned motor power at 230/240 V, 60 Hz, 3-phaseAssigned motor power at 230/240 V, 60 Hz, 3-phaseAssigned motor power at 230/240 V, 60 Hz, 3-phaseAssigned motor power at 460/480 V, 60 Hz, 3-phase	P300, DC operated (UL/CSA) 10 ms 10 ms 0.6 - 0.15 x UC, DC operated Art least smoothed two-phase bridge rectifier or three-phase rectifier 100 % 24 - 27 V DC (RDC 24) 0.7 - 1.2 V DC x Uc 12 W 0.9 W 0.9 W 0.15 × UC, DC operated 0.15 × UC (RDC 24) 0.7 - 1.2 V DC x Uc 12 W 0.9 W 0.9 W 0.9 W 0.9 W 0.7 - 1.2 V DC x Uc 12 W 0.9 W 10 W 12 HP 13 HP 10 HP
Arcing time Arcing time Drop-out voltage Image:	P300, DC operated (UL/CSA) 10 ms 0.6 - 0.15 x UC, DC operated At least smoothed two-phase bridge rectifier or three-phase rectifier 100 % 24 - 27 V DC (RDC 24) 0.7 - 1.2 V DC x Uc 12 W 0.9 W 0.9 W 0.10 V 10 N 10 PN 11 PN 12 PN 13 PN 14 PN 15 HP 16 PN
Arcing timeDrop-out voltageDuty factorPick-up voltagePower consumption (pick-up) at DCPower consumption (pick-up) at DCPower consumption (sealing) at DCRated control supply voltage (Us) at AC, 50 Hz - minRated control supply voltage (Us) at AC, 50 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - minRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at AC, 60 Hz - maxRated control supply voltage (Us) at DC - maxSwitching time (DC operated, make contacts, closing delay) - maxSwitching time (DC operated, make contacts, opening delay) - maxAssigned motor power at 115/120 V, 60 Hz, 1-phaseAssigned motor power at 230/240 V, 60 Hz, 3-phaseAssigned motor power at 230/240 V, 60 Hz, 3-phaseAssigned motor power at 460/480 V, 60 Hz, 3-phase	P300, DC operated (UL/CSA) 10 ms 0.6 - 0.15 x UC, DC operated Art least smoothed two-phase bridge rectifier or three-phase rectifier 100 % 24 - 27 V DC (RDC 24) 0.7 - 1.2 V DC x Uc 12 W 0.9 W 0.9 W 0.15 × UC, DC operated 0.15 × UC, RDC 24) 0.7 - 1.2 V DC x Uc 12 W 0.9 W 0.9 W 0.9 W 0.15 × UC, DC × Uc 0.7 · 1.2 V DC × Uc 12 W 0.9 W 0.9 W 0.9 W 0.9 W 0.15 × UC, DC × Uc 0.7 · 1.2 V DC × Uc 0.8 W 0.9 W 12 P 12 P 12 P 12 P 13 PP 14 P 14 P 15 HP 16 HP 16 HP 17 H

Connection to SmartWire-DT	Yes
	In conjunction with DIL-SWD SmartWire DT contactor module
Number of contacts (normally closed contacts)	1
Number of auxiliary contacts (normally closed contacts)	1
Number of auxiliary contacts (normally open contacts)	0
Safe isolation	440 V AC, Between coil and contacts, According to EN 61140 440 V AC, Between the contacts, According to EN 61140
	440 V AC, Delween the contacts, According to EN 01140
Special purpose rating of ballast electrical discharge lamps	40 A (600V 60Hz 3phase, 347V 60Hz 1phase)
Special purpose rating of ballast electrical discharge lamps	40 A (480V 60Hz 3phase, 277V 60Hz 1phase)
Special purpose rating of definite purpose rating	18 A, FLA 480 V 60 Hz 3-ph, 100,000 cycles acc. to UL 1995, (UL/CSA)
	108 A, LRA 480 V 60 Hz 3-ph, 100,000 cycles acc. to UL 1995, (UL/CSA)
Special purpose rating of elevator control	3 HP, 240 V 60 Hz 3-ph, (UL/CSA) 11 A, 600 V 60 Hz 3-ph, (UL/CSA)
	7.5 HP, 480 V 60 Hz 3-ph, (UL/CSA) 10 HP, 600 V 60 Hz 3-ph, (UL/CSA)
	11 A, 200 V 60 Hz 3-ph, (UL/CSA)
	3 HP, 200 V 60 Hz 3-ph, (UL/CSA) 9.6 A, 240 V 60 Hz 3-ph, (UL/CSA)
	11 A, 480 V 60 Hz 3-ph, (UL/CSA)
Special purpose rating of refrigeration control (CSA only)	40 A, FLA 480 V 60 Hz 3phase; (CSA) 240 A, LRA 480 V 60 Hz 3phase; (CSA)
	30 A, FLA 600 V 60 Hz 3phase; (CSA) 180 A, LRA 600 V 60 Hz 3phase; (CSA)
Special purpose rating of resistance air heating	40 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA)
	40 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase, (UL/CSA)
Special purpose rating of tungsten incandescent lamps	40 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA)
	40 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase, (UL/CSA)
Environment descendent Drid	0.1.11/
Equipment heat dissipation, current-dependent Pvid	2.1 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	0.7 W
Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvs	18 A 0.9 W
10.2.2 Corrosion resistance	Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation	Meets the product standard's requirements.
10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions	Meets the product standard's requirements.
10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will
	provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function	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)				
Electric engineering, automation, process control engineering / Low-voltage switch technology / Contactor (LV) / Power contactor, AC switching (ecl@ss10.0.1-27-37-10-03 [AAB718015])					
Rated control supply voltage Us at AC 50HZ		V	0 - 0		
Rated control supply voltage Us at AC 60HZ		V	0 - 0		
Rated control supply voltage Us at DC		V	24 - 27		
Voltage type for actuating			DC		
Rated operation current le at AC-1, 400 V		А	40		
Rated operation current le at AC-3, 400 V		А	18		
Rated operation power at AC-3, 400 V		kW	7.5		
Rated operation current le at AC-4, 400 V		А	10		
Rated operation power at AC-4, 400 V		kW	4.5		
Rated operation power NEMA		kW	7.4		
Modular version			No		
Number of auxiliary contacts as normally open contact			0		
Number of auxiliary contacts as normally closed contact			1		
Type of electrical connection of main circuit			Screw connection		
Number of normally closed contacts as main contact			0		
Number of normally open contacts as main contact			3		