DATASHEET - DILM17-10(190V50HZ,220V60HZ)



Contactor, 3 pole, 380 V 400 V 7.5 kW, 1 N/O, 190 V 50 Hz, 220 V 60 Hz, AC operation, Screw terminals



Part no.

DILM17-10(190V50HZ,220V60HZ) 277002

General specifications	
Product name	Eaton Moeller® series DILM contactor
Part no.	DILM17-10(190V50HZ,220V60HZ)
EAN	4015082770020
Product Length/Depth	97 millimetre
Product height	85 millimetre
Product width	45 millimetre
Product weight	0.428 kilogram
Certifications	CSA-C22.2 No. 60947-4-1-14
	UL 60947-4-1 CSA UL File No.: E29096 CSA Class No.: 2411-03, 3211-04 UL Category Control No.: NLDX UL CSA File No.: 012528 IEC/EN 60947-4-1 IEC/EN 60947 CE VDE 0660
Product Tradename	DILM
Product Type	Contactor
Product Sub Type	None
Catalog Notes	Contacts according to EN 50012
General information	
Application	Contactors for Motors
Connection	Screw terminals
Degree of protection	IP00
Frame size	FS2
Lifespan, mechanical	10,000,000 Operations (AC operated)
Operating frequency	5000 mechanical Operations/h (AC 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 mΩ
Suitable for	Also motors with efficiency class IE3
Туре	Full voltage non-reversing small contactor
Used with	Can be combined with auxiliary contacts: DILM32-XHI, DILA-XHI(V)
Utilization category	AC-4: Normal AC induction motors: starting, plugging, reversing, inching AC-1: Non-inductive or slightly inductive loads, resistance furnaces AC-3: Normal AC induction motors: starting, switch off during running
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 6.9 g, N/O main 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, 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 3.5 g, N/C auxiliary 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
Ambient storage temperature - min	40 °C
Ambient storage temperature - max	80 °C
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30
onnado proonny	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	
Terminals	Screw terminals
Terminal capacity (flexible with ferrule)	1 x (0.75 - 16) mm ² , Main cables 1 x (0.75 - 2.5) mm ² , Control circuit cables 2 x (0.75 - 10) mm ² , Main cables 2 x (0.75 - 2.5) mm ² , Control circuit cables
Terminal capacity (solid)	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 1 x (0.75 - 16) mm ² , Main cables
Terminal capacity (solid/stranded AWG)	18 - 14, Control circuit cables Single 18 - 6, double 18 - 8, Main 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	M3.5, Terminal screw, Control circuit cables M5, Terminal screw, Main cables
Screwdriver size	2, Terminal screw, Pozidriv screwdriver 0.8 x 5.5/1 x 6 mm, Terminal screw, Standard screwdriver
Tightening torque	3.2 Nm, Screw terminals, Main cables 1.2 Nm, Screw terminals, Control circuit cables
Electrical rating	
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 (Ie) 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	8 A
Rated operational current (Ie) at DC-1, 60 V	35 A
Rated operational current (le) 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	5.5 kW
Rated operational power at AC-3, 380/400 V, 50 Hz	7.5 kW
Rated operational power at AC-3, 415 V, 50 Hz	10 kW
Rated operational power at AC-3, 415 V, 50 Hz Rated operational power at AC-3, 440 V, 50 Hz	10 kW 10.5 kW

Rated operational power at AC-3, 690 V, 50 Hz	11 kW
Rated operational power at AC-4, 220/230 V, 50 Hz	2.5 kW
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 rating	
Short-circuit current rating (basic rating)	5 kA, SCCR (UL/CSA) 125 A, max. Fuse, SCCR (UL/CSA) 125 A, max. CB, SCCR (UL/CSA)
Short-circuit current rating (high fault at 480 V) Short-circuit current rating (high fault at 600 V)	10/100 kA, Fuse, SCCR (UL/CSA) 10/65 kA, CB, SCCR (UL/CSA) 50/32 A, max. CB, SCCR (UL/CSA) 125/70 A, Class J, max. Fuse, SCCR (UL/CSA) 125/70 A, Class J, max. Fuse, SCCR (UL/CSA) 10/22 kA, CB, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA)
	50/32 A, max. CB, 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	
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	
Switching capacity (main contacts, general use)	40 A, Maximum motor rating (UL/CSA)
Switching capacity (auxiliary contacts, general use)	1 A, 250 V DC, (UL/CSA) 10 A, 600 V AC, (UL/CSA)
Switching capacity (auxiliary contacts, pilot duty)	P300, DC operated (UL/CSA) A600, AC operated (UL/CSA)
Magnet system	
Arcing time	10 ms
Drop-out voltage	AC operated: 0.6 - 0.3 x UC, AC operated
Duty factor	100 %
Pick-up voltage	0.8 - 1.1 V AC x Uc
Power consumption	7.5 kW
Power consumption, pick-up, 50 Hz	52 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz
Power consumption, pick-up, 60 Hz	67 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz
Power consumption, sealing, 50 Hz	7.1 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 2.1 W, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz
Power consumption, sealing, 60 Hz	8.7 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz 2.1 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	190 V
Rated control supply voltage (Us) at AC, 50 Hz - max	190 V
Rated control supply voltage (Us) at AC, 60 Hz - min	220 V
Rated control supply voltage (Us) at AC, 60 Hz - max	220 V
Rated control supply voltage (Us) at DC - min	0 V
Rated control supply voltage (Us) at DC - max	0 V
Switching time (AC operated, make contacts, closing delay) - min	16 ms
Switching time (AC operated, make contacts, closing delay) - max	22 ms
Switching time (AC operated, make contacts, opening delay) - min	8 ms
Switching time (AC operated, make contacts, opening delay) - max	14 ms
Motor rating	
-	

Assigned motor power at 115/120 V, 60 Hz, 1-phase	2 HP
Assigned motor power at 200/208 V, 60 Hz, 3-phase	5 HP
Assigned motor power at 230/240 V, 60 Hz, 1-phase	3 HP
Assigned motor power at 230/240 V, 60 Hz, 3-phase	5 HP
Assigned motor power at 250/240 V, 60 Hz, 3-phase	10 HP
Assigned motor power at \$75/600 V, 60 Hz, 3-phase	15 HP
Communication	
Connection to SmartWire-DT	No
Contacts	
Number of contacts	1 NO
Number of contacts (normally open contacts)	1
Number of auxiliary contacts (normally closed contacts)	0
Number of auxiliary contacts (normally open contacts)	1
Safety	
Safe isolation	440 V AC, Between the contacts, According to EN 61140 440 V AC, Between coil and contacts, According to EN 61140
Special purpose ratings	
Special purpose rating of ballast electrical discharge lamps	40 A (600V 60Hz 3phase, 347V 60Hz 1phase)
	40 A (480V 60Hz 3phase, 277V 60Hz 1phase)
Special purpose rating of definite purpose rating	108 A, LRA 480 V 60 Hz 3-ph, 100,000 cycles acc. to UL 1995, (UL/CSA) 18 A, FLA 480 V 60 Hz 3-ph, 100,000 cycles acc. to UL 1995, (UL/CSA)
Special purpose rating of elevator control	9.6 A, 240 V 60 Hz 3-ph, (UL/CSA) 11 A, 600 V 60 Hz 3-ph, (UL/CSA) 11 A, 480 V 60 Hz 3-ph, (UL/CSA) 11 A, 200 V 60 Hz 3-ph, (UL/CSA) 7.5 HP, 480 V 60 Hz 3-ph, (UL/CSA) 3 HP, 240 V 60 Hz 3-ph, (UL/CSA) 3 HP, 200 V 60 Hz 3-ph, (UL/CSA) 10 HP, 600 V 60 Hz 3-ph, (UL/CSA)
Special purpose rating of refrigeration control (CSA only)	30 A, FLA 600 V 60 Hz 3phase; (CSA) 240 A, LRA 480 V 60 Hz 3phase; (CSA) 180 A, LRA 600 V 60 Hz 3phase; (CSA) 40 A, FLA 480 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)
Design verification	
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)	18 A
Static heat dissipation, non-current-dependent Pvs	2.1 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.
10.2.3.1 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal near	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 9.0

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

Eletric engineering, automation, process control engineering / Low-voltage stochology woltage AC 50 H2 V 90 - 190 Rated control supply voltage AC 50 H2 V 220 - 220 Rated control supply voltage AC 50 H2 V 0 Voltage type for actuating V 0 Number of normally closed contacts as main contact Image: State Control supply voltage AC 50 H2 0 Number of normally open contacts as main contact Image: State Control supply voltage AC 50 H2 0 Operating voltage AC 50 H2 Image: State Control supply voltage AC 50 H2 Image: State Control supply voltage AC 50 H2 Operating voltage AC 50 H2 Image: State Control supply voltage AC 50 H2 Image: State Control supply voltage AC 50 H2 Operating voltage AC 50 H2 Image: State Control supply voltage AC 50 H2 Image: State Control supply voltage AC 50 H2 Operating voltage AC 50 H2 Image: State Control supply voltage AC 50 H2 Image: State Control supply voltage AC 50 H2 Operating voltage AC 50 H2 Image: State Control supply voltage AC 50 H2 Image: State Control supply voltage AC 50 H2 Operating voltage AC 50 H2 Image: State Control supply voltage AC 50 H2 Image: State Control supply voltage AC 50 H2 Rated operating runner to at AC -1, 400 V Image: State Control supply voltage AC 50 H2 <					
Rated control supply voltage AC 60 Hz V 200 Rated control supply voltage AC 60 Hz V 20 - 20 Rated control supply voltage AC 60 Hz V 0 Voltage type for actuating V 0 Number of normally closed contacts as main contact AC 0 Number of normally open contacts as main contact Serve connection 3 Type of electrical connection of main circuit Cerve connection Serve connection Operating voltage AC 60 Hz V 24 690 24 690 Operating voltage AC 60 Hz AC 3 3 Ated operation current te at AC-1, 400 V AC 3 3 Rated operation current te at AC-3, 400 V AC 3 3 Rated operation power at AC-3, 400 V AC 10 3 Rated operation power at AC-4, 400 V KW 5 3 Rated operation power AT AC-4, 400 V KW 4 3 Rated operation power AT AC-4, 400 V KW 5 3 Rated operation power AT AC-4, 400 V KW 4 4 4 <td>Electric engineering, automation, process control engineering / Low-voltage switch</td> <td>h technology / Co</td> <td>ontactor</td> <td>(LV) / Power contactor, AC switching (ecl@ss13-27-37-10-03 [AAB718020])</td>	Electric engineering, automation, process control engineering / Low-voltage switch	h technology / Co	ontactor	(LV) / Power contactor, AC switching (ecl@ss13-27-37-10-03 [AAB718020])	
Rated control supply voltage DC V 0 Voltage type for actuating C C Number of normally closed contacts as main contact C 0 Number of normally open contacts as main contact C Screw connection Type of electrical connection of main circuit C Screw connection Operating voltage AC 50 Hz V 24 690 Operating voltage AC 60 Hz V 24 690 Rated operation current le at AC-1, 400 V A 4 Rated operation power at AC-3, 400 V KW 5 Rated operation power at AC-4, 400 V KW 5 Rated operation power at AC-4, 400 V KW 4 Number of auxiliary contacts as normally open contact KW 5 Rated operation power at AC-4, 400 V KW 5 Rated operation power at AC-4, 400 V KW 4 Number of auxiliary contacts as normally open contact KW 1 Number of auxiliary contacts as normally open contact KW 5 Number of auxiliary contacts as normally closed contact KW 1 Number of auxiliary contacts as normally closed contact No No	Rated control supply voltage AC 50 Hz	٧	V	190 - 190	
Voltage type for actuating AC Number of normally closed contacts as main contact 0 0 Number of normally closed contacts as main contact 0 3 Type of electrical connection of main circuit V 24 e80 Operating voltage AC 50 Hz V 24 e80 Operating voltage AC 60 Hz V 24 e80 Rated operation current le at AC-1,400 V A 40 Rated operation power at AC-3,400 V A 10 Rated operation power at AC-4,400 V KW 7.5 Rated operation power at AC-4,400 V KW 4.5 Number of auxiliary contacts as normally closed contact KW 1.6 Number of auxiliary contacts as normally closed contact KW 1.6 Number of auxiliary contacts as normally closed contact KW 1.6 Number of auxiliary contacts as normally closed contact KW 1.6 Number of auxiliary contacts as normally closed contact KW 1.6	Rated control supply voltage AC 60 Hz	٧	V	220 - 220	
Number of normally closed contacts as main contact Image: Content of the serve connection Number of normally closed contacts as main contact Image: Content of the serve connection Type of electrical connection of main circuit Image: Content of the serve connection Operating voltage AC 50 Hz Image: Content of the serve connection Operating voltage AC 60 Hz Image: Content of the serve connection Rated operation current le at AC-1, 400 V Image: Content of the serve connection Rated operation current le at AC-3, 400 V Image: Content of the serve connection Rated operation current le at AC-4, 400 V Image: Content of the serve connection Rated operation power at AC-4, 400 V Image: Content of the serve connection Rated operation power at AC-4, 400 V Image: Content of the serve connection Number of auxiliary contacts as normally open contact Image: Content of the serve connection Number of auxiliary contacts as normally closed contact Image: Content of the serve contact Modular version Image: Content of the serve contact	Rated control supply voltage DC	٧	V	0 - 0	
Number of normally open contacts as main contact Image: Content of the second of t	Voltage type for actuating			AC	
Type of electrical connection of main circuit Scew connection Operating voltage AC 50 Hz V 24 - 690 Operating voltage AC 60 Hz V 24 - 690 Rated operation current le at AC-1, 400 V A 40 Rated operation current le at AC-3, 400 V A 18 Rated operation current le at AC-3, 400 V A 19 Rated operation current le at AC-4, 400 V A 10 Rated operation power at AC-4, 400 V A 10 Rated operation power at AC-4, 400 V A 10 Rated operation power at AC-4, 400 V A 10 Rated operation power at AC-4, 400 V A 10 Rated operation power at AC-4, 400 V A 10 Number of auxiliary contacts as normally open contact KW 7.4 Number of auxiliary contacts as normally closed contact I I Modular version Modular version No	Number of normally closed contacts as main contact			0	
Operating voltage AC 50 Hz V 24 - 690 Operating voltage AC 60 Hz V 24 - 690 Rated operation current le at AC-1, 400 V A 40 Rated operation current le at AC-3, 400 V A 8 Rated operation power at AC-3, 400 V KW 7.5 Rated operation power at AC-4, 400 V A 0 Rated operation power at AC-4, 400 V KW 8.5 Rated operation power at AC-4, 400 V KW 1.0 Rated operation power at AC-4, 400 V KW 1.0 Rated operation power at AC-4, 400 V KW 1.0 Rated operation power at AC-4, 400 V KW 1.0 Rated operation power at AC-4, 400 V KW 1.0 Rated operation power at AC-4, 400 V KW 1.0 Number of auxiliary contacts as normally open contact KW 1.0 Number of auxiliary contacts as normally closed contact Modular version 0.0	Number of normally open contacts as main contact			3	
Operating voltage AC 60 Hz V 24 - 690 Rated operation current le at AC-1, 400 V A 40 Rated operation current le at AC-3, 400 V A 18 Rated operation power at AC-3, 400 V KW 7.5 Rated operation current le at AC-4, 400 V A 10 Rated operation power at AC-4, 400 V KW 4.5 Rated operation power at AC-4, 400 V KW 7.4 Rated operation power NEMA KW 10 Number of auxiliary contacts as normally open contact KW 7.4 Number of auxiliary contacts as normally closed contact Modular version 0	Type of electrical connection of main circuit			Screw connection	
Rated operation current le at AC-1, 400 V A 4 Rated operation current le at AC-3, 400 V A 18 Rated operation power at AC-3, 400 V KW 7.5 Rated operation current le at AC-4, 400 V A 10 Rated operation power at AC-4, 400 V KW 4.5 Rated operation power NEMA KW 7.4 Number of auxiliary contacts as normally open contact M 1 Number of auxiliary contacts as normally closed contact M 1 Modular version M M 1	Operating voltage AC 50 Hz	٧	V	24 - 690	
Rated operation current le at AC-3, 400 V A 18 Rated operation power at AC-3, 400 V kW 7.5 Rated operation current le at AC-4, 400 V A 10 Rated operation power at AC-4, 400 V KW 4.5 Rated operation power NEMA KW 7.4 Number of auxiliary contacts as normally closed contact M 1 Modular version M M 1	Operating voltage AC 60 Hz	V	V	24 - 690	
Rated operation power at AC-3, 400 V kW 7.5 Rated operation current le at AC-4, 400 V A 10 Rated operation power at AC-4, 400 V kW 4.5 Rated operation power NEMA kW 7.4 Number of auxiliary contacts as normally open contact KW 7.4 Number of auxiliary contacts as normally closed contact Image: Contact training tr	Rated operation current le at AC-1, 400 V	A	4	40	
Rated operation current le at AC-4, 400 V A 10 Rated operation power at AC-4, 400 V kW 4.5 Rated operation power NEMA kW 7.4 Number of auxiliary contacts as normally open contact M 1 Number of auxiliary contacts as normally closed contact M 1 Number of auxiliary contacts as normally closed contact M M Number of auxiliary contacts as normally closed contact M M	Rated operation current le at AC-3, 400 V	A	4	18	
Rated operation power at AC-4, 400 V kW 4.5 Rated operation power NEMA kW 7.4 Number of auxiliary contacts as normally open contact i 1 Number of auxiliary contacts as normally closed contact i 0 Modular version i i	Rated operation power at AC-3, 400 V	k	٨W	7.5	
Rated operation power NEMA KW 7.4 Number of auxiliary contacts as normally open contact Image: Contact in the second contact in the seco	Rated operation current le at AC-4, 400 V	P	4	10	
Number of auxiliary contacts as normally open contact 1 Number of auxiliary contacts as normally closed contact 0 Modular version 6 0	Rated operation power at AC-4, 400 V	k	٨W	4.5	
Number of auxiliary contacts as normally closed contact O Modular version O	Rated operation power NEMA	k	٨W	7.4	
Modular version No	Number of auxiliary contacts as normally open contact			1	
	Number of auxiliary contacts as normally closed contact			0	
Width mm 45	Modular version			No	
	Width	n	nm	45	
Height mm 85	Height	n	nm	85	
Depth mm 97	Depth	n	nm	97	