

**Contactor, 3 pole, 380 V 400 V: 7.5 kW, 24 V DC, DC operation, Screw terminals**

**Part no.** **DILMT17(RDC24)**  
**190980**  
**EL Number** **4100436**  
**(Norway)**

Product name	Eaton Moeller® series DILMT Contactor
Part no.	DILMT17(RDC24)
EAN	4015081912032
Product Length/Depth	97.5 millimetre
Product height	82 millimetre
Product width	36 millimetre
Product weight	0.36 kilogram
Compliances	CE
Certifications	EN 60335-1 IEC/EN 60947 GB14048
Product Tradename	DILMT
Product Type	Contactor
Product Sub Type	None
Globally Marketable	No
Countries	Morocco Germany Romania Denmark Latvia Finland Italy United Arab Emirates Portugal Turkey Sweden Austria Norway France Netherlands Saudi Arabia Belgium Czech Republic China Hungary Poland Switzerland United Kingdom of Great Britain and Northern Ireland Spain Slovakia Israel
Fitted with:	Varistor suppressor circuit
Number Of Poles	Three-pole
Application	Contactors for Motors
Connection to SmartWire-DT	No
Degree of protection	IP20
Frame size	FS2
Lifespan, electrical	1,000,000 Operations (at 400V, AC-3)
Lifespan, mechanical	10,000,000 Operations (DC operated)
Operating frequency	3600 mechanical Operations/h (DC operated)
Overvoltage category	III
Pollution degree	3
Product category	Contactors
Rated impulse withstand voltage (Uimp)	6000 V AC
Used with	DILT-XHI01(10)
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			DC
Ambient operating temperature - min			-25 °C
Ambient operating temperature - max			55 °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
Terminal capacity (solid)			2 x (0.75 - 2.5) mm <sup>2</sup> 1 x (0.75 - 2.5) mm <sup>2</sup> 1 x (1 - 10) mm <sup>2</sup> , Main cables
Terminal capacity (stranded)			1 x (1 - 4) mm <sup>2</sup> 2 x (1 - 4) mm <sup>2</sup>
Stripping length (main cable)			14 mm
Screw size			M5, Terminal screw M3.5, Terminal screw
Screwdriver size			2, Terminal screw, Pozidriv screwdriver 2, Terminal screw, Control circuit cables, Pozidriv screwdriver
Tightening torque			0.8 Nm, Screw terminals 2 Nm, Threaded ring
Rated breaking capacity at 380/400 V			144 A
Rated insulation voltage (Ui)			690 V
Rated operational current (Ie) at AC-1, 380 V, 400 V, 415 V			25 A
Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V			17 A
Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V			17 A
Rated operational power at AC-3, 380/400 V, 50 Hz			7.5 kW
Rated operational voltage (Ue) at AC - max			660 V
Rated control supply voltage (Us) at AC, 50 Hz - min			0 V
Rated control supply voltage (Us) at AC, 50 Hz - max			0 V
Rated control supply voltage (Us) at AC, 60 Hz - min			0 V
Rated control supply voltage (Us) at AC, 60 Hz - max			0 V
Rated control supply voltage (Us) at DC - min			24 V
Rated control supply voltage (Us) at DC - max			24 V
Number of auxiliary contacts (normally closed contacts)			0
Number of auxiliary contacts (normally open contacts)			0

## 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 - 24
Voltage type for actuating			DC
Rated operation current Ie at AC-1, 400 V	A		25
Rated operation current Ie at AC-3, 400 V	A		17
Rated operation power at AC-3, 400 V	kW		7.5
Rated operation current Ie at AC-4, 400 V	A		0
Rated operation power at AC-4, 400 V	kW		0
Rated operation power NEMA	kW		0
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
Number of normally open contacts as main contact			3