

# DATASHEET - DILEM-10-G-EA(24VDC)



**Contactors, 24 V DC, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, DC operation**

**Part no. DILEM-10-G-EA(24VDC)  
189984**

General specifications		
Product name		Eaton Moeller® series DILEM Mini contactor
Part no.		DILEM-10-G-EA(24VDC)
EAN		4015081879809
Product Length/Depth		54 millimetre
Product height		58 millimetre
Product width		45 millimetre
Product weight		0.206 kilogram
Compliances		CE CE Marked RoHS conform
Product Tradename		DILEM
Product Type		Mini contactor
Product Sub Type		None
General information		
Voltage type		DC
Climatic environmental conditions		
Ambient operating temperature (enclosed) - min		-25 °C
Ambient storage temperature - min		-40 °C
Electrical rating		
Rated operational power at AC-3, 380/400 V, 50 Hz		4 kW
Rated operational current (Ie) at AC-1, 380 V, 400 V, 415 V		22 A
Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V		9 A
Magnet system		
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
Contacts		
Number of auxiliary contacts (normally closed contacts)		0
Number of auxiliary contacts (normally open contacts)		1
Design verification		
Equipment heat dissipation, current-dependent Pvid		0.9 W
Heat dissipation capacity Pdiss		0 W
Heat dissipation per pole, current-dependent Pvid		0.3 W
Static heat dissipation, non-current-dependent Pvs		2.3 W

## Technical data ETIM 9.0

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@ss13-27-37-10-03 [AAB718020])			
Rated control supply voltage AC 50 Hz	V		0 - 0
Rated control supply voltage AC 60 Hz	V		0 - 0
Rated control supply voltage DC	V		24 - 24
Voltage type for actuating			DC
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	24 - 690
Operating voltage AC 60 Hz	V	24 - 690
Rated operation current I <sub>e</sub> at AC-1, 400 V	A	22
Rated operation current I <sub>e</sub> at AC-3, 400 V	A	9
Rated operation power at AC-3, 400 V	kW	4
Rated operation current I <sub>e</sub> at AC-4, 400 V	A	6.6
Rated operation power at AC-4, 400 V	kW	3
Rated operation power NEMA	kW	3.7
Number of auxiliary contacts as normally open contact		1
Number of auxiliary contacts as normally closed contact		0
Modular version		No
Width	mm	45
Height	mm	58
Depth	mm	54