

Contactors, 3 pole, 380 V 400 V 55 kW, RAC 240: 190 - 240 V 50/60 Hz, AC operation, Screw terminals



**Part no. DILM115-EA(RAC240)
189925**

| General specifications | | |
|---|--|--------------------------------------|
| Product name | | Eaton Moeller® series DILM contactor |
| Part no. | | DILM115-EA(RAC240) |
| EAN | | 4015081879212 |
| Product Length/Depth | | 160 millimetre |
| Product height | | 170 millimetre |
| Product width | | 90 millimetre |
| Product weight | | 2.25 kilogram |
| Compliances | | RoHS conform CE Marked CE |
| Product Tradename | | DILM |
| Product Type | | Contactors |
| Product Sub Type | | None |
| General information | | |
| Voltage type | | AC |
| Electrical rating | | |
| Rated operational current (Ie) at AC-1, 380 V, 400 V, 415 V | | 160 A |
| Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V | | 115 A |
| Rated operational power at AC-3, 380/400 V, 50 Hz | | 55 kW |
| Magnet system | | |
| Rated control supply voltage (Us) at AC, 50 Hz - min | | 190 V |
| Rated control supply voltage (Us) at AC, 50 Hz - max | | 240 V |
| Rated control supply voltage (Us) at AC, 60 Hz - min | | 190 V |
| Rated control supply voltage (Us) at AC, 60 Hz - max | | 240 V |
| Rated control supply voltage (Us) at DC - min | | 0 V |
| Rated control supply voltage (Us) at DC - max | | 0 V |
| Contacts | | |
| Number of auxiliary contacts (normally closed contacts) | | 0 |
| Number of auxiliary contacts (normally open contacts) | | 0 |
| Design verification | | |
| Equipment heat dissipation, current-dependent Pvid | | 18.9 W |
| Heat dissipation capacity Pdis | | 0 W |
| Heat dissipation per pole, current-dependent Pvid | | 6.3 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 / Contactors (LV) / Power contactor, AC switching (ecl@ss13-27-37-10-03 [AAB718020]) | | |
| Rated control supply voltage AC 50 Hz | V | 190 - 240 |
| Rated control supply voltage AC 60 Hz | V | 190 - 240 |
| 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 Ie at AC-1, 400 V | A | 160 |
| Rated operation current Ie at AC-3, 400 V | A | 115 |
| Rated operation power at AC-3, 400 V | kW | 55 |
| Rated operation current Ie at AC-4, 400 V | A | 55 |
| Rated operation power at AC-4, 400 V | kW | 28 |
| Rated operation power NEMA | kW | 74 |
| 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 |