

Specificații



Imaginile sunt doar cu titlu informativ



Eaton 190009

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 18.5 kW, 230 V 50 Hz, 240 V 60 Hz, AC operation, Screw terminals DILM40-EA(230V50HZ,240V60HZ)

General specifications

PRODUCT NAME	Eaton Moeller® series DILM contactor
CATALOG NUMBER	190009
EAN	4015081880058
PRODUCT LENGTH/DEPTH	132.1 mm
PRODUCT HEIGHT	115 mm
PRODUCT WIDTH	55 mm
PRODUCT WEIGHT	0.872 kg
COMPLIANCES	CE RoHS conform CE Marked
MODEL CODE	DILM40- EA(230V50HZ,240V60HZ)



Powering Business Worldwide

Features Functions

NUMBER OF POLES	Three-pole
------------------------	------------

General

CONNECTION	Screw terminals
-------------------	-----------------

OVERVOLTAGE CATEGORY	III
-----------------------------	-----

POLLUTION DEGREE	3
-------------------------	---

PRODUCT CATEGORY	Contactors
-------------------------	------------

VOLTAGE TYPE	AC
---------------------	----

Climatic environmental conditions

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
--	-------

Electro magnetic compatibility

INTERFERENCE IMMUNITY	According to EN 60947-1
------------------------------	-------------------------

Electrical rating

RATED OPERATIONAL CURRENT (IE) AT AC-1, 380 V, 400 V, 415 V	60 A
--	------

RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V	40 A
--	------

RATED INSULATION VOLTAGE (UI)	690 V
--------------------------------------	-------

RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ	18.5 kW
--	---------

Short-circuit rating

SHORT-CIRCUIT CURRENT RATING (BASIC RATING)	5 kA, 250 A max. fuse, SCCR (UL/CSA) 5 kA, 250 A max. CB, SCCR (UL/CSA)
--	--

SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 480 V)	100 kA, 150 A CLASS J max. fuse, SCCR (UL/CSA) 65 kA, 100 A max. CB, SCCR (UL/CSA)
---	---

SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V)	100 kA, 150 A CLASS J max. fuse, SCCR (UL/CSA)
---	--

Magnet system

DUTY FACTOR	100 %
--------------------	-------

RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	230 V
---	-------

RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	230 V
---	-------

RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	240 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	6.6 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	2.2 W
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	4.1 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.
10.2.3.2 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 CREPAGE 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.

Resurse

CHARACTERISTIC CURVE	eaton-contactors-switch-dilm-characteristic-curve-002.eps eaton-contactors-switch-dilm-characteristic-curve.eps
DECLARATIONS OF CONFORMITY	eaton-contactor-declaration-of-conformity-uk251222en.pdf
DESENE	eaton-contactors-dilm-dimensions-002.eps
INSTRUCȚIUNI DE INSTALARE	IL034043ZU
SCHEME ELECTRICE	eaton-contactors-contact-dilm-wiring-diagram-003.eps

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.

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATA:



Eaton Corporation plc
 Eaton House
 30 Pembroke Road
 Dublin 4, Irlanda
 Eaton.com

Follow us on social media to get the latest product and support information.

