

Specifikace



Foto je ilustrační



Eaton 189924

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 45 kW, RDC 24: 24 - 27 V DC, DC operation, Screw terminals DILM95-EA(RDC24)

General specifications

PRODUCT NAME	Eaton Moeller® series DILM contactor
CATALOG NUMBER	189924
EAN	4015081879205
PRODUCT LENGTH/DEPTH	160 mm
PRODUCT HEIGHT	170 mm
PRODUCT WIDTH	90 mm
PRODUCT WEIGHT	2.32 kg
COMPLIANCES	CE CE Marked RoHS conform
MODEL CODE	DILM95-EA(RDC24)

Vlastnosti a funkce

NUMBER OF POLES	Three-pole
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Obecné

CONNECTION	Screw terminals
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OVERVOLTAGE CATEGORY	III
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POLLUTION DEGREE	3
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PRODUCT CATEGORY	Contactors
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VOLTAGE TYPE	DC
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Klimatické podmínky a podmínky prostředí

AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
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AMBIENT OPERATING TEMPERATURE - MAX	60 °C
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AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN	-25 °C
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AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX	40 °C
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AMBIENT STORAGE TEMPERATURE - MIN	-40 °C
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AMBIENT STORAGE TEMPERATURE - MAX	80 °C
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Elektromagnetická kompatibilita

INTERFERENCE IMMUNITY	According to EN 60947-1
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Jmenovité elektrické charakteristiky

RATED OPERATIONAL CURRENT (IE) AT AC-1, 380 V, 400 V, 415 V	130 A
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RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V	95 A
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RATED INSULATION VOLTAGE (UI)	690 V
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Magnetový systém

DUTY FACTOR	100 %
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RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	0 V
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RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	0 V
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RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	0 V
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RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX	0 V
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RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN	24 V
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RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX	27 V
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Kontakty

NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
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Ověření návrhu

EQUIPMENT HEAT DISSIPATION, CURRENT-	12.6 W
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NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	0
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DEPENDENT PVID	
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	4.2 W
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	1.5 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 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.

Zdroje	
CERTIFIKÁTY	0000SPC-571
DECLARATIONS OF CONFORMITY	DA-DC-00004774.pdf
ECAD MODEL	DA-CE-ETN.DILM95-EA(RDC24) ETN.189924.edz
CHARACTERISTIC CURVE	2100DIA-7 2100DIA-8 210U038 210U040 eaton-contactors-switch-dilm-characteristic-curve.eps eaton-contactors-switch-dilm-characteristic-curve-002.eps 210U039
INSTALAČNÍ NÁVODY	IL034044ZU2021_08.pdf IL034044ZU2018_05_Backup
MCAD MODEL	eaton-cadenas-side_view-dil_m80_170_side.pra DA-CS-dil_m80_170 eaton-cadenas-path-01-geo-dil_m80_170.3db eaton-cadenas-front_view-dil_m80_170_front.pra DA-CD-dil_m80_170 eaton-cadenas-drill_view-dil_m80_170_drill.pra
SCHÉMATA ZAPOJENÍ	eaton-contactors-contact-dilm-wiring-diagram-003.eps 210S045
SYSTEM OVERVIEW	210O154

VÝKRESY

[eaton-contactors-dilm-
dimensions-003.eps](#)

[210N017 210X203 210T016](#)

[210N018 2110DRW-4](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATUM:



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