

# Eaton 135214

Eaton CR Installation contactor, 63A, 230V  
AC/DC, 4NO

<b>PRODUCT NAME</b>	Eaton CR contactor
<b>CATALOG NUMBER</b>	135214
<b>PRODUCT LENGTH/DEPTH</b>	65 mm
<b>PRODUCT HEIGHT</b>	80 mm
<b>PRODUCT WIDTH</b>	53.5 mm
<b>PRODUCT WEIGHT</b>	0.42 kg
<b>COMPLIANCES</b>	RoHS conform

<b>TYPE</b>	4NO
<b>AMPERAGE RATING</b>	63 A
<b>NUMBER OF POLES</b>	Four-pole
<b>FEATURES</b>	Additional equipment possible Hum-free
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Meets the product standard's requirements.
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to

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	be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>DEGREE OF PROTECTION</b>	IP20
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT</b>	5 W
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>CONTROL VOLTAGE 1 - MAX</b>	253 V
<b>CONTROL VOLTAGE 1 - MIN</b>	195.5 V
<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT</b>	8 W
<b>INCANDESCENT LAMP LOAD - MAX</b>	5005 W
<b>LOAD FLUORESCENT LAMP - MAX</b>	3300 VA
<b>LOAD FLUORESCENT LAMP (DUO CIRCUIT) -</b>	5400 VA

<b>MAX</b>	
<b>LOAD FLUORESCENT LAMP (PARALLEL COMPENSATED) - MAX</b>	3300 VA
<b>NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)</b>	0
<b>NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)</b>	0
<b>NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)</b>	4
<b>NUMBER OF MODULAR SPACINGS</b>	3
<b>RATED OPERATING VOLTAGE (UE) - MAX</b>	400 V
<b>RATED OPERATING VOLTAGE (UE) - MIN</b>	400 V
<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	63 A
<b>UTILITY CATEGORY</b>	1
<b>VOLTAGE RATING (EXCITATION) - MAX</b>	253 V
<b>VOLTAGE RATING (EXCITATION) - MIN</b>	195.5 V
<b>BUILT-IN DEPTH</b>	60 mm
<b>VOLTAGE TYPE</b>	AC/DC
<b>UTILIZATION CATEGORY (ACCORDING TO EN IEC 60947-4-1)</b>	AC-1

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

:



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