

Eaton 171907

Eaton DX Braking resistance, IP20, 100 Ω , 0.8 kW, For use with: DA1, DL1, DG1, SVX, SPX

PRODUCT NAME	Eaton DX Braking resistor
CATALOG NUMBER	171907
PRODUCT LENGTH/DEPTH	125 mm
PRODUCT HEIGHT	450 mm
PRODUCT WIDTH	140 mm
PRODUCT WEIGHT	4 kg
CERTIFICATIONS	UL UL Category Control No.: NMTR2, NMTR8 UL report applies to both US and Canada UL File No.: E300273 Certified by UL for use in Canada UL508 C22.2
CATALOG NOTES	Installed in a housing designed to prevent accidental contact and featuring a temperature monitoring switch and a 1-meter connection cable

USED WITH	DA1
	DC1
	DG1
	DM1
ACCESSORIES	Braking resistances
PRODUCT CATEGORY	Accessories
TYPE	Wire wound resistor in ceramic potting compound inside aluminum case, combined
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.
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

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	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.
ACCESSORY/SPARE PART TYPE	Breaking resistance
BRAKING RESISTANCE	100 Ω
CONTINUOUS BRAKING RATING	0.8 kW
DEGREE OF PROTECTION	IP00 IP20
VOLTAGE RATING - MAX	600 V
SUITABLE FOR	Branch circuits, (UL/CSA)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
:



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