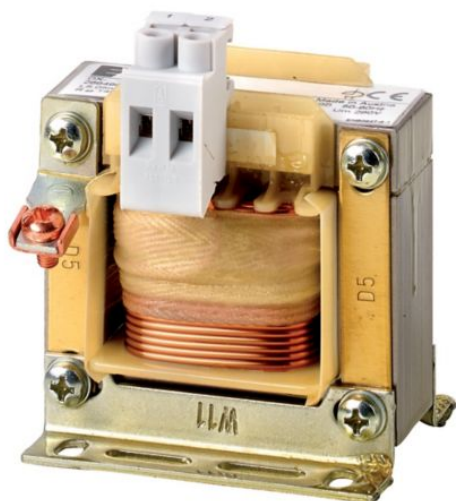


Specifikace



Eaton 169791

Eaton DX Main choke, Single-phase, 260 V + 0% (50/60 Hz), V AC, 32 A, 0.92 mH

Obečné specifikace

PRODUCT NAME	Eaton DX Mains choke
CATALOG NUMBER	169791
EAN	4015081662869
PRODUCT LENGTH/DEPTH	130 mm
PRODUCT HEIGHT	140 mm
PRODUCT WIDTH	160 mm
PRODUCT WEIGHT	3 kg
CERTIFICATIONS	UL IEC/EN 61558-2-20-2000 CSA VDE 0570 Part 2-20/2001-04
MODEL CODE	DX-LN1-032

Okolní podmínky, mechanické

MOUNTING POSITION	Standing vertically Suspended horizontally Free surrounding areas > 50 mm
SHOCK RESISTANCE	Shock duration: 11 ms 3 shocks
VIBRATION RESISTANCE	0 - 150 Hz, 1 g 10 - 55 Hz, 0.35 mm

Klimatické podmínky a podmínky prostředí

ALTITUDE	Max. 1000 m Max. 5000 m with current reduction
AMBIENT OPERATING TEMPERATURE - MAX	40 °C
AMBIENT STORAGE TEMPERATURE - MAX	85 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT STORAGE TEMPERATURE - MIN	-25 °C
OPERATING TEMPERATURE DETAILS	-25 - 40 °C (up to 70 °C with current derating)

Ověření návrhu

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 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	Does not apply, since the

Jmenovité elektrické charakteristiky

PERMISSIBLE CONNECTION VOLTAGE	Max. 260 V AC (50/60 Hz)
RATED FREQUENCY - MAX	60 Hz
RATED FREQUENCY - MIN	50 Hz
RATED INDUCTANCE	0.92 mH
RATED OPERATIONAL CURRENT (IE) - MAX	32 A
RATED OPERATIONAL CURRENT (IE) - MIN	32 A
RATED OPERATIONAL VOLTAGE (UE) - MAX	260 V
VOLTAGE SAG UK	4 %

AGAINST ELECTRIC SHOCK	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.
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	24 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	32 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W

Features & functions

FITTED WITH:	PE stud Terminations
NUMBER OF PHASES	1
NUMBER OF POLES	Single-pole

Obecné informace

BORE DIAMETER	0 mm
DEGREE OF PROTECTION	IP20 NEMA Other
DUTY FACTOR	100 %
INSULATION CLASS	B
PRODUCT CATEGORY	Accessories
SUITABLE AS	Net reactance coil
SWITCHING FREQUENCY	3 kHz
USED WITH	DC1 DM1

Kapacity svorek

TERMINAL CAPACITY	20 - 10 AWG 4 mm ²
TIGHTENING TORQUE	0.8 Nm, Screw terminals

Zdroje

DECLARATIONS OF CONFORMITY	eaton-accessory-declaration-of-conformity-uk251054en.pdf eaton-accessory-declaration-of-conformity-eu250571en.pdf
ECAD MODEL	DA-CE-ETN.DX-LN1-032
INSTALAČNÍ NÁVODY	IL00906003Z
UŽIVATELSKÉ PŘÍRUČKY	eaton-powerxl-da1-installation-manual-mn04020005z-en-us.pdf MN04020003Z_CZ
VÝKRESY	eaton-regulating-equipment-options-dx-main-choke-dimensions.eps eaton-regulating-equipment-options-dx-main-choke-3d-drawing-003.eps

NÁZEV PROJEKTU:

ČÍSLO PROJEKTU:

PŘIPRAVIL:

DATUM:



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Eaton.com

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