

Eaton 269495

Eaton DX Main choke, Single-phase, 260 V + 0% (50/60 Hz), V AC, 8.6 A, 3.41 mH

PRODUCT NAME	Eaton DX Mains choke
CATALOG NUMBER	269495
PRODUCT LENGTH/DEPTH	71 mm
PRODUCT HEIGHT	80 mm
PRODUCT WIDTH	66 mm
PRODUCT WEIGHT	0.7 kg
CERTIFICATIONS	VDE 0570 Part 2-20/2001-04 IEC/EN 61558-2-20-2000 UL CSA

USED WITH	DA1
	DC1
	DE1
	DM1
PRODUCT CATEGORY	Accessories
SUITABLE AS	Net reactance coil
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

IL00906003Z
eaton-powerxl-da1-installation-manual-mn04020005z-en-us.pdf
eaton-regulating-equipment-options-dx-main-choke-dimensions-002.eps
eaton-regulating-equipment-options-dx-main-choke-3d-drawing.eps

	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.
FITTED WITH:	PE stud Terminations
ALTITUDE	Max. 5000 m with current reduction Max. 1000 m
AMBIENT OPERATING TEMPERATURE - MAX	40 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
RATED CURRENT (ITH) AT RATED VOLTAGE DC - MAX	8.6 A
RATED FREQUENCY - MAX	60 Hz
RATED FREQUENCY - MIN	50 Hz
RATED INDUCTANCE	3.41 mH
AMBIENT STORAGE TEMPERATURE - MAX	85 °C
AMBIENT STORAGE TEMPERATURE - MIN	-25 °C
EQUIPMENT HEAT	11 W

DISSIPATION, CURRENT-DEPENDENT PVID	
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
NUMBER OF PHASES	1
MOUNTING POSITION	Standing vertically Free surrounding areas > 50 mm Suspended horizontally
DUTY FACTOR	100 %
DEGREE OF PROTECTION	IP20 NEMA Other
TERMINAL CAPACITY	4 mm ² 20 - 10 AWG
RELATIVE SHORT-CIRCUIT VOLTAGE	4 %
INSULATION CLASS	B
RATED OPERATIONAL VOLTAGE (UE) - MAX	260 V
RATED OPERATIONAL CURRENT (IE) - MAX	8.6 A
RATED OPERATIONAL CURRENT (IE) - MIN	8.6 A
RESONANCE FREQUENCY	0 Hz
NUMBER OF POLES	Single-pole
OPERATING TEMPERATURE DETAILS	-25 - 40 °C (up to 70 °C with current derating)
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	8.6 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
VOLTAGE SAG UK	4 %
VIBRATION RESISTANCE	10 - 55 Hz, 0.35 mm 0 - 150 Hz, 1 g
PERMISSIBLE CONNECTION VOLTAGE	Max. 260 V AC (50/60 Hz)
SHOCK RESISTANCE	3 shocks Shock duration: 11 ms
SWITCHING FREQUENCY	0 kHz
TIGHTENING TORQUE	0.8 Nm, Screw terminals

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
:



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