

Eaton 914808

Eaton Moeller® series DTZ Three-phase control isolating safety transformer, 2.5 kVA, Rated input voltage 50 – 950 ± 5 % V, Rated output voltage 18.5 – 1000 V

PRODUCT NAME	Eaton Moeller® series DTZ Control transformer
CATALOG NUMBER	914808
PRODUCT LENGTH/DEPTH	132 mm
PRODUCT HEIGHT	299 mm
PRODUCT WIDTH	265 mm
PRODUCT WEIGHT	29.3 kg
CERTIFICATIONS	UL5085-1 IEC/EN 61558-2-2 CSA-C22.2 No. 66 UL Recognized UL report applies to both US and Canada Certified by UL for use in Canada UL 506 UL 5085-2 UL Category Control No.: XPTQ2, XPTQ8 CE CSA-C22.2 No. 66.2-06 CSA-C22.2 No. 66.1-06 UL File No.: E167225

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.

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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.
AMBIENT OPERATING TEMPERATURE - MAX	40 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
PRIMARY VOLTAGE 1 - MAX	950 V
PRIMARY VOLTAGE 1 - MIN	50 V
PRIMARY VOLTAGE 10 - MAX	0 V
PRIMARY VOLTAGE 10 - MIN	0 V
PRIMARY VOLTAGE 2 - MAX	950 V
PRIMARY VOLTAGE 2 - MIN	50 V
PRIMARY VOLTAGE 3 - MAX	950 V
PRIMARY VOLTAGE 3 - MIN	50 V

MIN	
PRIMARY VOLTAGE 4 - MAX	950 V
PRIMARY VOLTAGE 4 - MIN	50 V
PRIMARY VOLTAGE 5 - MAX	950 V
PRIMARY VOLTAGE 5 - MIN	50 V
PRIMARY VOLTAGE 6 - MAX	950 V
PRIMARY VOLTAGE 6 - MIN	50 V
PRIMARY VOLTAGE 7 - MAX	0 V
BUILT AS	Isolating transformer Safety transformer
CONDUCTOR MATERIAL	Copper
DEGREE OF PROTECTION	IP00 NEMA Other
INSULATION MATERIAL TYPE (IEC 85)	B
PRIMARY VOLTAGE 7 - MIN	0 V
PRIMARY VOLTAGE 8 - MAX	0 V
PRIMARY VOLTAGE 8 - MIN	0 V
PRIMARY VOLTAGE 9 - MAX	0 V
PRIMARY VOLTAGE 9 - MIN	0 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
RATED POWER	2500 VA
SECONDARY VOLTAGE 1 - MAX	1000 V
SECONDARY VOLTAGE 1 - MIN	18.5 V
SECONDARY VOLTAGE 10 - MAX	0 V
SECONDARY VOLTAGE 10 - MIN	0 V
SECONDARY VOLTAGE 2 - MAX	1000 V
SECONDARY VOLTAGE 2 -	18.5 V

MIN	
SECONDARY VOLTAGE 3 - MAX	1000 V
SECONDARY VOLTAGE 3 - MIN	18.5 V
SECONDARY VOLTAGE 4 - MAX	1000 V
SECONDARY VOLTAGE 4 - MIN	18.5 V
SECONDARY VOLTAGE 5 - MAX	1000 V
SECONDARY VOLTAGE 5 - MIN	18.5 V
SECONDARY VOLTAGE 6 - MAX	1000 V
SECONDARY VOLTAGE 6 - MIN	18.5 V
SECONDARY VOLTAGE 7 - MAX	0 V
SECONDARY VOLTAGE 7 - MIN	0 V
SECONDARY VOLTAGE 8 - MAX	0 V
SECONDARY VOLTAGE 8 - MIN	0 V
SECONDARY VOLTAGE 9 - MAX	0 V
SECONDARY VOLTAGE 9 - MIN	0 V
SHORT-TIME RATING	5.5 kVA
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	165 W
VOLTAGE RATING - MAX	600 V
PRODUCT CATEGORY	Three-phase DTZ control transformers
RELATIVE SHORT-CIRCUIT VOLTAGE	2.5 %
SUITABLE FOR	Branch circuits, (UL/CSA)
WIRING SYSTEM	Other

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
:



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