Eaton 914807

Eaton Moeller® series DTZ Three-phase control isolating safety transformer, 2 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	914807
PRODUCT LENGTH/DEPTH	117 mm
PRODUCT HEIGHT	279 mm
PRODUCT WIDTH	240 mm
PRODUCT WEIGHT	22.4 kg
CERTIFICATIONS	CSA-C22.2 No. 66.2-06 UL Category Control No.: XPTQ2, XPTQ8 UL File No.: E167225 Certified by UL for use in Canada UL Recognized UL5085-1 UL 5085-2 UL report applies to both US and Canada CSA-C22.2 No. 66.1-06 IEC/EN 61558-2-2 CSA-C22.2 No. 66 UL 506 CE

Powering Business Worldwide

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	**Does not apply, since the entire switchgear needs**

ASSEMBLIES	**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.**
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 -	**950 V**

MAX	
PRIMARY VOLTAGE 3 - MIN	**50 V**
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	**Safety transformer** **Isolating 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	**2000 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 -	**1000 V**

MAX	
SECONDARY VOLTAGE 2 - MIN	**18.5 V**
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	**4.4 kVA**
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	**135 W**
VOLTAGE RATING - MAX	**600 V**
PRODUCT CATEGORY	**Three-phase DTZ control transformers**
RELATIVE SHORT-CIRCUIT VOLTAGE	**3.5 %**
SUITABLE FOR	**Branch circuits, (UL/CSA)**
WIRING SYSTEM	**Other**

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
:	

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