

Specifications



Eaton 206925

Eaton Moeller® series UTI Control transformer, 0.315 kVA, Rated input voltage 208 – 600 V, Rated output voltage 2 x 115 V

General specifications

PRODUCT NAME	Eaton Moeller® series UTI Control transformer
CATALOG NUMBER	206925
MODEL CODE	UTI0,315-115
EAN	4015082069254
PRODUCT LENGTH/DEPTH	88 mm
PRODUCT HEIGHT	124 mm
PRODUCT WIDTH	121 mm
PRODUCT WEIGHT	4.3 kg

CERTIFICATIONS	VDE 0570 Part 2-2/2-6 (safety transformer) IEC/EN 60204-1, ÖVE-EN 13 UL Recognized VDE 0570 Part 2-4 (isolating transformer) UL File No.: E167225 UL report applies to both US and Canada VDE 0113, VDE 0100 Part 410 UL5085-1 IEC/EN 61558-2-2 UL 506 CE Certified by UL for use in Canada UL 5085-2 CSA-C22.2 No. 66 CSA-C22.2 No. 66.1-06 CSA-C22.2 No. 66.2-06 UL Category Control No.: XPTQ2, XPTQ8 IEC/EN 61558-2-2/2-4/2-6 VDE 0550
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CATALOG NOTES	Electrical characteristics: all details for no-load loss, short-circuit loss (copper losses), short-circuit
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Powering Business Worldwide

voltage and efficiency
values relate to a
temperature of 20 °C

Design verification

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

Electrical rating

EFFICIENCY	89.2 %
NO-LOAD LOSSES	15 W
RATED FREQUENCY - MAX	60 Hz
RATED FREQUENCY - MIN	50 Hz
RATED POWER	0.315 VA
RELATIVE SHORT-CIRCUIT VOLTAGE	5 %
SHORT-CIRCUIT LOSSES	23 W
VOLTAGE RATING - MAX	600 V

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	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	38 W

Features & Functions

FEATURES	Fully Vacuum-impregnated
	Reinforced insulation Separate windings

General information

AMBIENT OPERATING TEMPERATURE - MAX	40 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
CONNECTION TYPE	Terminations
DEGREE OF PROTECTION	IP00
DUTY FACTOR	100 %
INSULATION CLASS	B
PRIMARY TAPPING	± 20 %
PRODUCT CATEGORY	Single-phase UTI multi-winding transformers
SUITABLE FOR	Branch circuits, (UL/CSA)

Resources

APPLICATION NOTES	eaton-transformer-stz-sti-stn-dtz-uti-ap009002-en-us.pdf
BROCHURES	eaton-transformers-brochure-br009002en-en-us.pdf
CATALOGUES	eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-control-transformer-declaration-of-conformity-uk251326en.pdf eaton-control-transformer-declaration-of-conformity-eu250843en.pdf
DRAWINGS	eaton-general-transformer-uti-control-transformer-dimensions-003.eps
ECAD MODEL	ETN.206925.edz
MCAD MODEL	DA-CS-uti0_315_115 eaton-control-transformers-mcad-drawings-uti0-315-115.dwg

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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