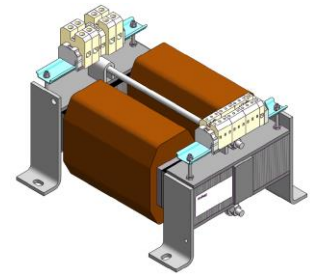




Output power	10,0 kVA
Input	550-525-500-480-460-440-415-400-380-230-208 V AC
Output	230-115 (2x115) V AC
Category	Line, Control circuit und Isolation transformer



Picture representative

Electrical parameters

Phases	1
Nominal power	kVA 10,0
Short-time power	kVA 30,0
Nominal input voltage	V AC 550-525-500-480-460-440-415-400-380-230-208
Nominal input current	A AC 18,9-19,8-20,8-21,6-22,6-23,6-25,0-25,9-27,3-45,1-49,9
Nominal output voltage	V AC 230-115
Nominal output current	A AC 43,5-87,0
Frequency	Hz 50...60
Short circuit voltage	% 3,20 20°C
Vector group	li0
Duty	continuous
Duty cycle	% 100
Winding material	CU
Winding losses	W 395
Iron losses	W 80,0
Total losses	W 475
Efficiency	% 95,5

Standards

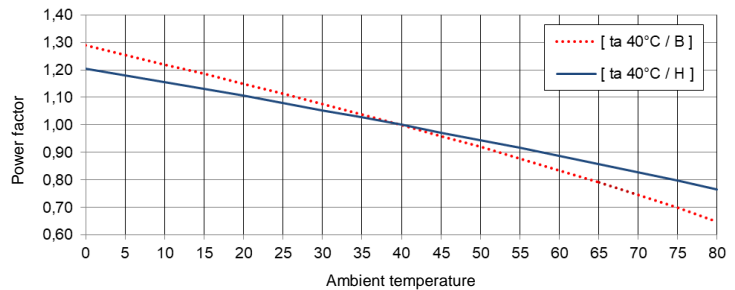
Standards	EN 61558-2-1, -2-2, -2-4 UL 1561 / XQNX2-8.E103902
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Authorization / Certificate

Approvals	ENE cULus (further approvals possible on customer request)
Declaration of Conformity	CE

Environmental conditions

Operating temperature	°C	-25 ... +40
Storage temperature	°C	-25 ... +55
Extended temperature range	°C	up to +80 (after power reduction according to the load characteristics)



Relative humidity (without condensation)	%	5 ... 95
Cooling		natural cooling
Installation altitude		to 1000m above sea level, higher altitude possible with power reduction
Overvoltage category	(acc. EN 61558)	OVC III
Degree of pollution	(acc. EN 61558)	P2

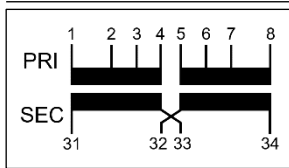
Installation and mounting

Type of terminals	Screw connection
Mounting type	Screw
Mounting position	see „Dimensional drawing“ at the end of the document
Dimensions (HxWxD)	see „Dimensional drawing“ at the end of the document
Mounting dimensions	see „Dimensional drawing“ at the end of the document
Oblong hole	see „Dimensional drawing“ at the end of the document
Clearance distance	see technical information in the chapter „Further information“

Security features

Insulation class	acc. EN	class H
Insulation class	acc. UL	CLASS 180
Protection		IP00 (other types of protection on request)
Protection class		I
Short-circuit strength		conditionally with protection

Connection table



Terminal block

Back side: 31-31-32-33-34-34

Front side: 1-1-2-3-4-5-6-7-8-8

	U _N [V AC]	I _N [A AC]	Terminals	Wiring	Protection
PRI1	550	18,9	1-8	4-5	3RV2421-4DA10 / 21A (ext.)
	525	19,8	1-8	3-5	3RV2421-4DA10 / 23A (ext.)
	500	20,8	1-8	2-5	3RV2421-4DA10 / 24A (ext.)
	480	21,6	1-8	2-5	3RV2431-4EA10 / 25A (ext.)
	460	22,6	1-8	4-6	3RV2431-4EA10 / 26A (ext.)
	440	23,6	1-8	3-6	3RV2431-4EA10 / 27A (ext.)
	415	25,0	1-8	3-7	3RV2431-4EA10 / 28A (ext.)
	400	25,9	1-8	2-6	3RV2431-4EA10 / 29A (ext.)
	380	27,3	1-8	2-7	3RV2431-4EA10 / 31A (ext.)
	230	45,1	1-8	1-6 4-8	3RV2431-4XA10 / 51A (ext.)
208	49,9	1-8	1-7 3-8	3RV2431-4JA10 / 58A (ext.)	
SEC1	230	43,5	31-34	32-33	3RV2031-4WA10 / 44A (ext.)
	115	87,0	31-34	31-32 33-34	3RV2041-4YA10 / 87A (ext.)



NOTE protection

Protection acc. IEC 60947 | Type suggestion with Siemens circuit breaker - alternatives are possible.
Protection for the North American market acc. UL - see chapter „Further information“.

General data

GTIN / EAN	4052967065147
Country of origin	Czech Republic
Packaging unit	1
Export sign	AL: N / ECCN: N
Customs tariff number	85043200
Gross weight - brutto	kg 70
Net weight - netto	kg 58

Further information

Complete catalogue Transformers / Power Supplies / Reactors / Filters

www.mdexx.com/online-katalog

Core product range Transformers

www.mdexx.com/core-products-range-transformers

Technical information

www.mdexx.com/technische-information

ePLAN / CAD data

www.eplandata.de/portal/en_EN/part/MDX.TAT3932-8DD44-0FA0

Service / Support

- Operating instruction [www.mdexx.com/BA_T_Transformatoren\(TAM.TAP.TAT.TAU.TBT.TBU\)](http://www.mdexx.com/BA_T_Transformatoren(TAM.TAP.TAT.TAU.TBT.TBU))

- Certificate www.mdexx.com/downloads/zertifikate
- EU Declarations of Conformity [www.mdexx.com/Transformatoren nach EN 61558 \(TAM, TAN, TAP, TAT, TAU, TAW\)](http://www.mdexx.com/Transformatoren nach EN 61558 (TAM, TAN, TAP, TAT, TAU, TAW))
- EAC Certifications www.mdexx.com/EAC Transformatoren
- UL Certifications
 - US *product* [www.mdexx.com/XQNX2.E103902 \(TEM, TEP, TET, TEU, TAN, TAP, TAT, TAU, TBT, TBU\)](http://www.mdexx.com/XQNX2.E103902 (TEM, TEP, TET, TEU, TAN, TAP, TAT, TAU, TBT, TBU))
 - isolation* [www.mdexx.com/OBJY2.E106597 \(CTB130, CTB155, ADS180, CCC180\)](http://www.mdexx.com/OBJY2.E106597 (CTB130, CTB155, ADS180, CCC180))
 - CA *product* [www.mdexx.com/XQNX8.E103902 \(TEM, TEP, TET, TEU, TAN, TAP, TAT, TAU, TBT, TBU\)](http://www.mdexx.com/XQNX8.E103902 (TEM, TEP, TET, TEU, TAN, TAP, TAT, TAU, TBT, TBU))
 - isolation* [www.mdexx.com/OBJY8.E106597 \(CTB130, CTB155, ADS180, CCC180\)](http://www.mdexx.com/OBJY8.E106597 (CTB130, CTB155, ADS180, CCC180))

Dimensional drawing

Montagelochung nach IEC 51

280 ±0.5

260 ±0.5

M10

max 190

A

Erdungsschraube M6
zernici šroub M6

max. 280

max. 365

280

(222)

(260)

(286)

6

Anschlussklemme terminal	Eindrähtig		mehrdrähtig		feindrähtig		Strombelastbarkeit apacity	
	solid [mm ²]	strandend [mm ²]	strandend [mm ²]	finley strandend [mm ²]	feindrähtig [mm ²]	VDE / CSA [A] UL	A [mm]	
8WA1011 1DG11	0.5...6			1.5...4	1.5...4	21	21	30
8WA1011 1DH11	0.75...10			1.5...6	1.5...6	27	27	30
8WA1204 / 1304	1...16	10...16		2.5...16	2.5...16	51	51	38
8WAT205 / 1305	4...16	10...50		6...35	6...35	82	82	50

Freimaße n. Maßstab: 1:4
ISO 2768-mK Halbzug

Technische Aspekte

Projekt

Zusatz

Benennung

Transformator

UI 210/70 MIFB TAT39...

Format Zeichnungsnummer

mdexx GmbH A 3 **MTZAT007-09**

Index Blatt 2 E 2 Bl.

Ersatz durch:

Gewicht: ca. 50 KG

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RESERVADOS TODOS LOS DERECHOS

ALS BETRIEBSGEHEIMNIS ANVERTRAUT
ALLE RECHTE VORBEHALTEN

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