

MTS 1-PHASE CONTROL AND ISOLATION TRANSFORMER

P: 100VA IN: 208...550VAC OUT: 2x115VAC

Art.No.: 86143

Weight: 2.100 kg

Country of origin: CZ

Model designation: MTS 0100-208...550/2x115

Single-phase - Control and Isolation Transformers

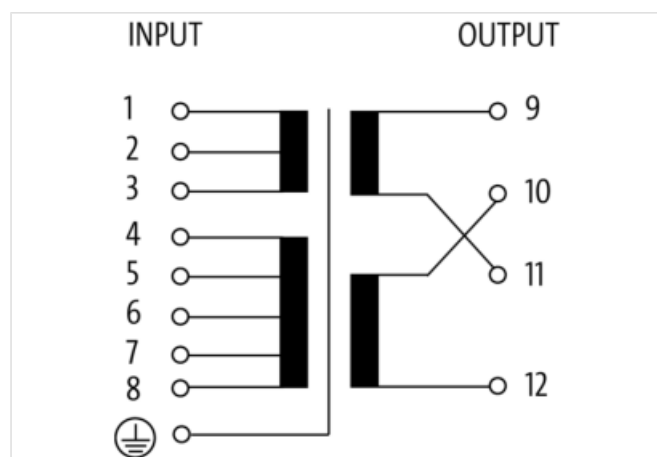
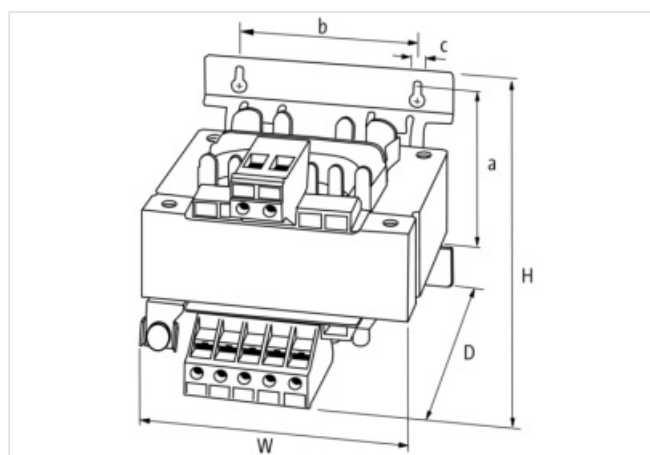
100 VA

Isolation class T 40/B

Other voltages on request.

[Link to Product](#)

Illustration



Product may differ from Image



Commercial data

URL Webshop	https://shop.murrelektronik.com/86143
GTIN	4048879438759
EU-Customs tariff number	85043180

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-08-27

Murrelektronik GmbH | Grabenstraße 29 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com

US-Customs tariff number	8504314065
ECLASS-6.0	27031302
ECLASS-6.1	27031302
ECLASS-7.0	27031302
ECLASS-7.1	27031302
ECLASS-8.0	27031302
ECLASS-8.1	27031302
ECLASS-9.0	27031302
ECLASS-9.1	27031302
ECLASS-10.0.1	27031302
ECLASS-10.1	27031302
ECLASS-11.0	27031302
ECLASS-11.1	27031302
ECLASS-12.0	27031302
ECLASS-13.0	27031302
ECLASS-14.0	27031302
ETIM-5.0	EC002486
ETIM-6.0	EC002486
ETIM-7.0	EC002486
ETIM-8.0	EC002486
ETIM-9.0	EC002486
ETIM-10.0	EC002486
customs tariff number	85043180
EAN	4048879438759
Packaging unit	1

Electrical data | Supply

Power frequency	50 ... 60 Hz
-----------------	--------------

Electrical data | Input

Input voltage AC	420, 208, 525, 550, 230, 380, 400, 440, 460, 480, 500
Nominal input voltage AC	208 V ... 550 V
Nominal current AC	57 A @ 208 V, 0.21 A @ 550 V
Inrush current at input voltage 1	9,9 A
Inrush current at input voltage 2	3,8 A
Short-circuit current at input voltage 1	7,6 A
Short-circuit current at input voltage 2	2,9 A

Electrical data | Output

Output voltage adjustable	Yes
Output voltage	1 × 230 / 1 × 115 / 2 × 115 V AC
Output voltage AC 1	230 V
Output voltage AC 2	115 V
Power rating AC max.	100 VA

Device protection | Electrical

Insulation test voltage input - output	4 kV
--	------

Mechanical data | Mounting data

Height	105 mm
Width	84 mm
Depth	98 mm
Mounting method	geschnappt
Suitable for mounting type	Mounting rail TH35, Long-hole mounting, (EN 60715)
Mounting dimension a	64,5 mm
Mounting dimension b	64 mm
Mounting dimension c	4,8 mm

Diameter bore	4,8 mm
---------------	--------

Length bore	8,4 mm
-------------	--------

Environmental characteristics | Climatic

Operating temperature min.	-20 °C
----------------------------	--------

Operating temperature max.	40 °C
----------------------------	-------

Ambient temperature (storage, transport)	-20 °C ... 80 °C
--	------------------

Conformity

Product standard	EN IEC 61558-1, EN IEC 61558-2-4, IEC 62041 category 0
------------------	--

Connection type 3

Connection type 1	Input
-------------------	-------

Connection type 2	Output
-------------------	--------

Family construction form	terminal
--------------------------	----------

No. of poles	8
--------------	---

Gender	female
--------	--------

Connection	Screw terminals SK
------------	--------------------

PIN 1	1
-------	---

PIN 2	2
-------	---

PIN 3	3
-------	---

PIN 4	4
-------	---

PIN 5	5
-------	---

PIN 6	6
-------	---

PIN 7	7
-------	---

PIN 8	8
-------	---

Family construction form	terminal
--------------------------	----------

No. of poles	4
--------------	---

Gender	female
--------	--------

Connection	Screw terminals SK
------------	--------------------

PIN 1	9
-------	---

PIN 2	10
-------	----

PIN 3	11
-------	----

PIN 4	12
-------	----

Family construction form	terminal
--------------------------	----------

No. of poles	1
--------------	---

Gender	female
--------	--------

Color contact carrier	metallic
-----------------------	----------

Connection	Screw terminals SK
------------	--------------------

PIN 1	PE
-------	----