

**MST 1-PHASE CONTROL AND ISOLATION TRANSFORMER**

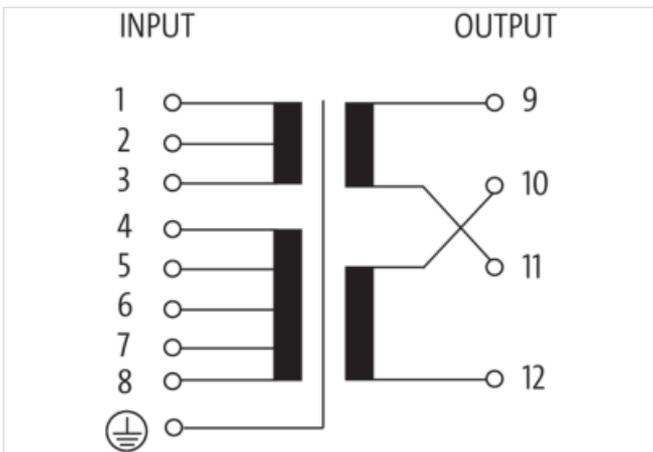
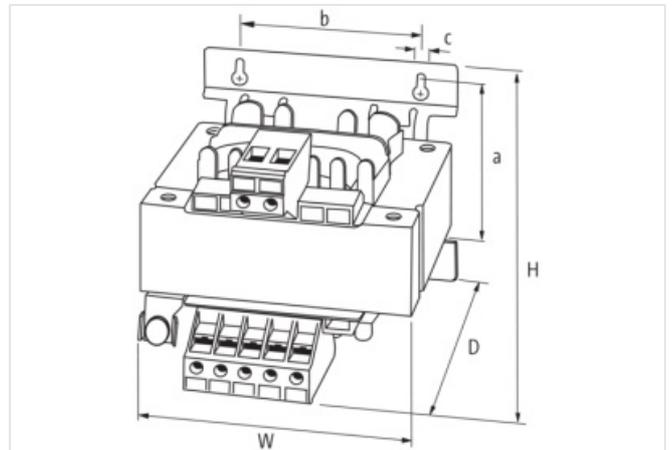
P: 5000VA IN: 208...550VAC OUT: 2x115VAC

Art.No.: 86157  
 Weight: 37  
 Country of origin: CZ  
 Model designation: MST 5000-208...550/2x115

Single-phase - Control and Isolation Transformers  
 5000 VA  
 Isolation class T 40/B  
 Other voltages on request.

[Link to Product](#)

**Illustration**



Product may differ from Image



**Header**

Material short text MST 5000-208...550/2x115

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/86157">https://shop.murrelektronik.com/86157</a>
GTIN	4048879078689
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
customs tariff number	85043200
EAN	4048879078689
Packaging unit	1

**Electrical data | Supply**

Power frequency	50 ... 60 Hz
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**Electrical data | Input**

Input voltage AC	420, 208, 525, 550, 230, 380, 400, 440, 460, 480, 500
Input voltage 1 AC	208 V
Input voltage 2 AC	550 V
Input current at input voltage 1 AC	254 A
Input current at input voltage 2 AC	96 A
Inrush current at input voltage 1	378 A
Inrush current at input voltage 2	143 A
Short-circuit current at input voltage 1	1,362 A
Short-circuit current at input voltage 2	515 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.	5,000 VA

**Device protection | Electrical**

Insulation test voltage input - output	51 kV
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**Mechanical data | Mounting data**

Height	248 mm
Width	197 mm
Depth	250 mm
Suitable for mounting type	4 hole screw mounting
Mounting dimension a	200 mm
Mounting dimension b	174 mm
Mounting dimension c	9 mm

Diameter bore	9 mm
Length bore	14 mm

#### Environmental characteristics | Climatic

Operating temperature min.	-20 °C
Operating temperature max.	40 °C
Storage temperature min.	-40 °C
Storage temperature max.	80 °C

#### Conformity

Product standard	EN 61558-2-6, EN 62041 category 0
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#### Connection type 5

Connection type 1	Input
Connection type 2	Input
Connection type 3	Output
Connection type 4	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	8
Gender	female
Connection	Plug-in terminals RK
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	4
Gender	female
Connection	Plug-in terminals RK
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