

MST 1-PHASE CONTROL AND ISOLATION TRANSFORMER

P: 1600VA IN: 230/400VAC +/- 15VAC OUT: 2x115VAC

Art.No.: 86485

Weight: 19.500 kg

Country of origin: CZ

Model designation: MST 1600-230-400+-15V/2x115

Single-phase - Control and Isolation Transformers

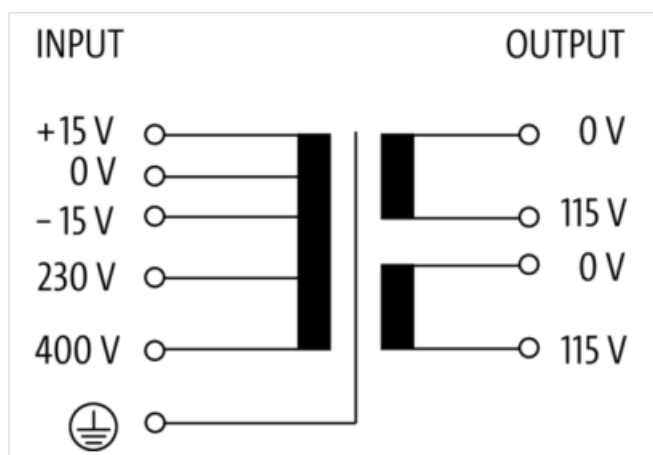
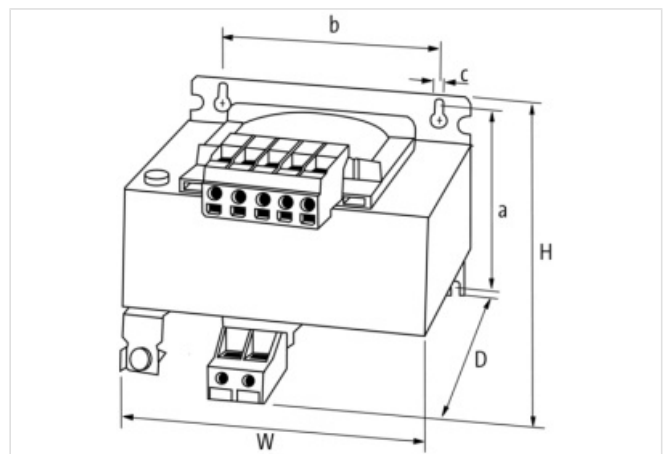
1600 VA

Isolation class T 40/B

Condensation not permitted

[Link to Product](#)

Illustration



Product may differ from Image



Commercial data

URL Webshop	https://shop.murrelektronik.com/86485
GTIN	4048879366885
EU-Customs tariff number	85043200

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: 2026-08-12

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	8504320000
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	85043200
EAN	4048879366885
Packaging unit	1

Electrical data | Supply

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

Electrical data | Input

Nominal input voltage AC	230 V ... 400 V
Input voltage 1 AC min.	195,5 V
Input voltage 1 AC max.	264,5 V
Input voltage 2 AC min.	340 V
Input voltage 2 AC max.	460 V
Input voltage 3 AC	460 V
Nominal current AC	7.3 A @ 230 V, 4.2 A @ 400 V
Inrush current at input voltage 1	135 A
Inrush current at input voltage 2	70 A
Short-circuit current at input voltage 1	285 A
Short-circuit current at input voltage 3	169 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.	1.600 VA

Device protection | Electrical

Insulation test voltage input - output	5,8 kV
--	--------

Mechanical data | Mounting data

Height	168 mm
Width	174 mm
Depth	163 mm
Suitable for mounting type	Keyhole mounting

Mounting dimension a	141,5 mm
Mounting dimension b	135 mm
Mounting dimension c	7 mm
Diameter bore	7 mm
Length bore	11 mm

Environmental characteristics | Climatic

Operating temperature min.	-20 °C
Operating temperature max.	40 °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	5
Gender	female
Connection	Screw terminals SK
PIN 1	+ 15 V
PIN 3	- 15 V
PIN 4	230 V
PIN 5	400 V
Family construction form	terminal
No. of poles	6
Gender	female
Connection	Screw terminals SK
PIN 1	1
PIN 2	2
PIN 3	3
PIN 4	4
PIN 5	5
PIN 6	6
Family construction form	terminal
No. of poles	1
Gender	female
Color contact carrier	metallic
Connection	Screw terminals SK
PIN 1	PE