

MTS 1-PHASE SAFETY TRANSFORMER

P: 100VA IN: 230/400VAC OUT: 24VAC

Art.No.: 6686342

Weight: 1.9

Country of origin: CZ

Model designation: MTS 0100-230-400/24 SPRING CLAMP

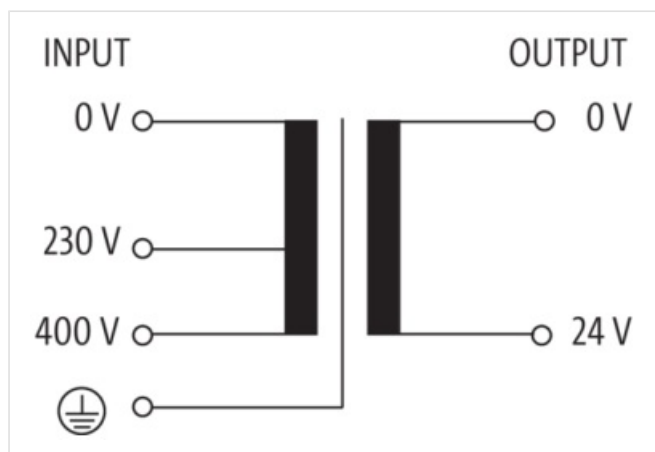
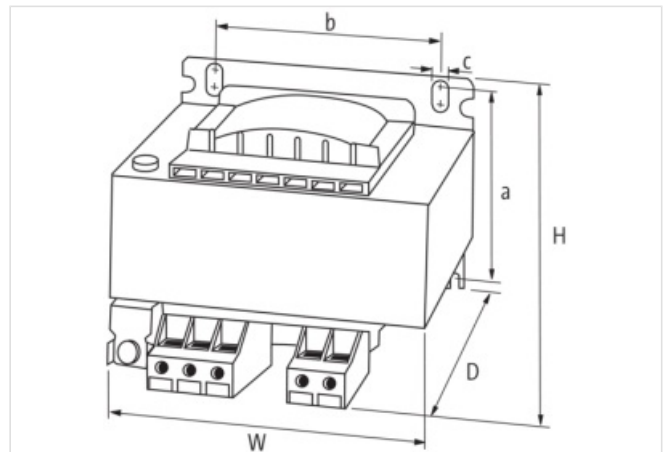
Single-phase safety transformer

100 VA

Spring clamp terminals

Isolation class T 40/B

Other voltages on request.

[Link to Product](#)**Illustration**

Product may differ from Image

**Header**

Material short text

MTS 0100-230-400/24 SPRING CLAMP

Commercial data

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: 2025-11-11

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

URL Webshop	https://shop.murrelektronik.com/6686342
GTIN	4048879066105
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	85043180
EAN	4048879066105
Packaging unit	1

Electrical data

Security level	SELV
----------------	------

Electrical data | Supply

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

Electrical data | Input

Nominal input voltage AC	230 V
Nominal current AC	0.54 A @ 230 V , 0.31 A @ 400 V
Inrush current at input voltage 1	3.5 A
Inrush current at input voltage 2	2 A
Short-circuit current at input voltage 1	5 A
Short-circuit current at input voltage 2	2.98 A

Electrical data | Output

Output voltage adjustable	no
Output voltage AC	24 V
Power rating AC max.	100 VA

Device protection | Electrical

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

Mechanical data | Mounting data

Height	86 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
Storage temperature min.	-40 °C
Storage temperature max.	80 °C

Conformity

Product standard	EN IEC 61558-2-4, EN IEC 61558-2-6, IEC 62041 category 0
------------------	--

Connection type 3

Connection type 1	Input
Connection type 2	Output
Family construction form	terminal
No. of poles	3
Gender	female
Connection	Screw terminals SK
PIN 2	230 V
PIN 3	400 V
Family construction form	terminal
No. of poles	2
Gender	female
Connection	Screw terminals SK
PIN 2	24 V DC
Family construction form	terminal
No. of poles	1
Gender	female
Color contact carrier	metallic
Connection	Screw terminals SK
PIN 1	PE