

MTS 1-PHASE SAFETY TRANSFORMER

P: 160VA IN: 230/400VAC +/- 15VAC OUT: 24VAC

Art.No.: 6686363

Weight: 2.900 kg

Country of origin: CZ

Model designation: MTS 0160-230-400+-15V/24 SPRING CLAMP

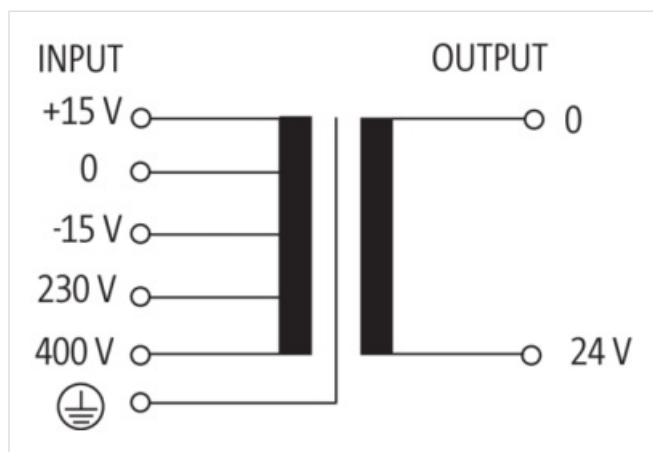
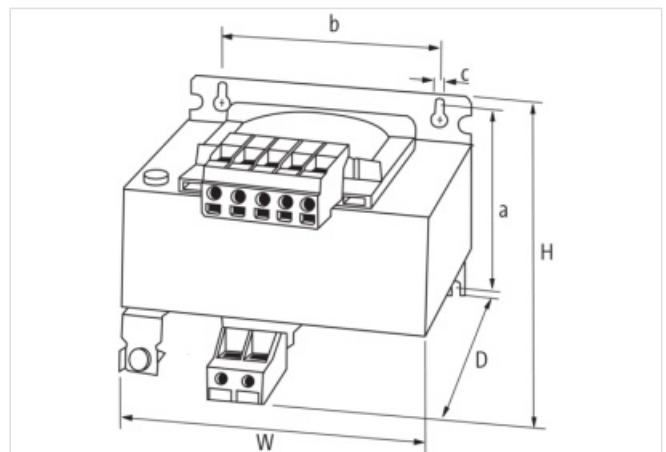
Single-phase safety transformer

160 VA

Isolation class T 40/B

Spring clamp terminals

Other voltages on request.

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

Product may differ from Image

**Header**

Material short text

MTS 0160-230-400+-15V/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: 2025-12-24

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URL Webshop	https://shop.murrelektronik.com/6686363
GTIN	4048879065993
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	4048879065993
Packaging unit	1

Electrical data

Security level	SELV
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Electrical data | Supply

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

Nominal input voltage AC	230 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
Nominal current AC	0.82 A @ 230 V , 0.47 A @ 400 V
Inrush current at input voltage 1	6,1 A
Inrush current at input voltage 2	3,5 A
Short-circuit current at input voltage 1	9,5 A
Short-circuit current at input voltage 2	5,5 A

Electrical data | Output

Output voltage adjustable	No
Output voltage AC	24 V
Power rating AC max.	160 VA

Device protection | Electrical

Insulation test voltage input - output	4 kV
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Mechanical data | Mounting data

Height	101 mm
Width	96 mm
Depth	106 mm
Mounting method	geschnappt
Suitable for mounting type	Mounting rail TH35, Long-hole mounting, (EN 60715)
Mounting dimension a	86,5 mm

Mounting dimension b	84 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)	-40 °C

Conformity

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