

MTL 1-PHASE SAFETY TRANSFORMER

P: 100VA IN: 230/400VAC +/- 15VAC OUT: 2x24VAC

Art.No.: 86453
Weight: 2.860 kg
Country of origin: CZ
Model designation: MTL 0100-230-400+-15V/2x24

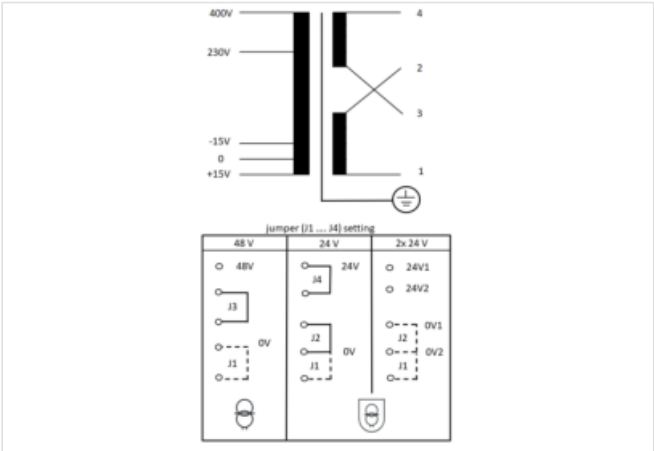
The MTL series comprises single-phase safety transformers/isolating transformers of the protection class I and protection degree IP20 with double insulation between the primary and secondary windings for general use in industrial applications.

Link to Product

Illustration



Product may differ from Image



Commercial data

URL Webshop	https://shop.murrelektronik.com/86453
GTIN	4048879078320
EU-Customs tariff number	85043180
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	4048879078320
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
Nominal current AC	0.52 A @ 230 V, 0.3 A @ 400 V
Inrush current at input voltage 1	5,4 A
Inrush current at input voltage 2	3,12 A
Short-circuit current at input voltage 1	10 A
Short-circuit current at input voltage 2	5,77 A

Electrical data | Output

Output voltage adjustable	Yes
Output voltage	1 × 24 / 1 × 48 / 2 × 24 V AC
Output voltage AC 1	48 V
Output voltage AC 2	24 V
Power rating AC max.	100 VA

Diagnostics

Status indication LED	green
-----------------------	-------

Device protection | Electrical

Insulation test voltage input - output	5,1 kV
--	--------

Mechanical data | Mounting data

Height	108 mm
Width	87 mm
Depth	139 mm
Mounting method	geschnappt
Suitable for mounting type	(EN 60715), Keyhole mounting, Mounting rail TH35-15
Mounting dimension a	96 mm
Mounting dimension b	60 mm
Mounting dimension c	5,5 mm
Diameter bore	5,5 mm
Length bore	9 mm

Environmental characteristics | Climatic

Operating temperature min.	-20 °C
Operating temperature max.	60 °C

Conformity

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

Connection type 2

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	5
Gender	female
Connection	Screw terminals SK
PIN 1	PE
PIN 2	1
PIN 3	2
PIN 4	3
PIN 5	4