MURR ELEKTRONIK
stay connected

MTL 1-PHASE SAFETY TRANSFORMER

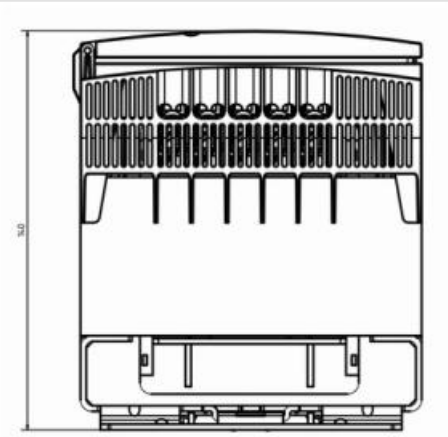
P: 250VA IN: 230/400VAC +/- 15VAC OUT: 2x24VAC

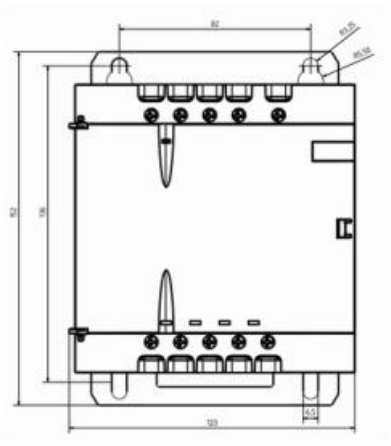
The MTL series comprises single-phase safety transformers/isolating transformers of the protection class I and protection degree IP20 with double insulation between the primary and secondary windings for general use in industrial applications.

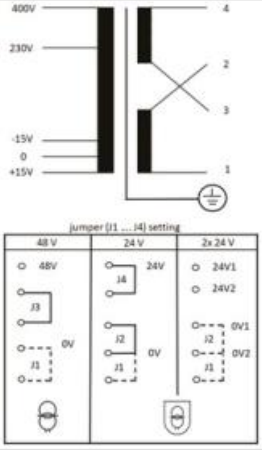
Link to Product

Illustration









Product may differ from Image

Commercial data

ECLASS-6.0	27031302
ECLASS-7.0	27031302
ECLASS-8.0	27031302
ECLASS-9.0	27031302
ETIM-5.0	EC002486
customs tariff number	85043180
GTIN	4048879078306

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Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-03-29

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Packaging unit	1
Electrical data | Supply	
Power frequency	50 ... 60 Hz
Electrical data | Input	
Input voltage 1 AC	230 V
Input voltage 1 AC min.	195,5 V
Input voltage 1 AC max.	264,5 V
Input voltage 2 AC	400 V
Input voltage 2 AC min.	340 V
Input voltage 2 AC max.	460 V
Input current at input voltage 1 AC	1,29 A
Input current at input voltage 2 AC	0,75 A
Inrush current at input voltage 1	14,1 A
Inrush current at input voltage 2	8,15 A
Short-circuit current at input voltage 1	27,5 A
Short-circuit current at input voltage 2	15,9 A
Electrical data | Output	
Output voltage	1 × 24 / 1 × 48 / 2 × 24 V AC
Output voltage AC 1	48 V
Output voltage AC 2	24 V
Output voltage adjustable	yes
Power rating AC max.	250 VA
Diagnostics	
Status indication LED	green
Device protection | Electrical	
Insulation test voltage input - output	5,1 kV
Mechanical data | Mounting data	
Suitable for mounting type	Schlüssellochaufhängung
Mounting dimension a	136 mm
Mounting dimension b	82 mm
Mounting dimension c	6,5 mm
Height	153 mm
Width	123 mm
Depth	142 mm
Diameter bore	6,5 mm
Length bore	11 mm
Environmental characteristics | Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	60 °C
Conformity	
Product standard	EN 61558-2-4, EN 61558-2-6, EN 62041 category 0
Connection type 2	
Connection type 1	Input
Connection type 2	Output
Connection	Screw terminals SK
Family construction form	terminal
Gender	female
No. of poles	5
PIN 1	+ 15 V
PIN 3	- 15 V
PIN 4	230 V

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PIN 5	400 V
Connection	Screw terminals SK
Family construction form	terminal
Gender	female
No. of poles	5
PIN 1	PE
PIN 2	1
PIN 3	2
PIN 4	3
PIN 5	4

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