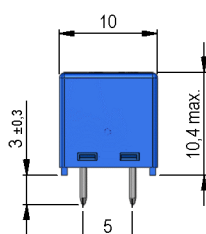
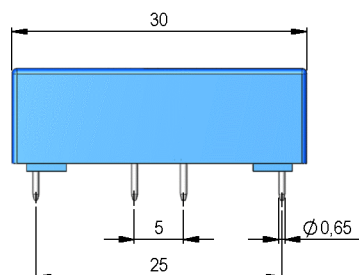


Dimensions mm[inch]

tolerances acc. to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m



Layout

 Top view
Draufsicht


Isometric

 Scale 1:1
Maßstab 1:1


Marking

 according to EN60062/factory code
gem. EN60062/Fertigungsstätte

 MEDER YMP
LI24-1A85

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		1.800	2.000	2.200	Ohm
Coil voltage			24		VDC
Rated power			288		mW
Coil current			12		mA
Pull-In voltage				16,8	VDC
Drop-Out voltage		3,6			VDC

Contact Data 85	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			100	W
Switching voltage	DC or Peak AC			1.000	V
Switching current	DC or Peak AC			1	A
Carry current	DC or Peak AC 100% Duty Cycle			2,5	A
Contact resistance static	Measured with 40% overdrive			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			TOhm
Breakdown voltage (>55 AT)	according to EN 60255-5	5			kV DC
Operate time incl. bounce	measured with 40% overdrive			1,1	ms
Release time	measured with no coil excitation			0,1	ms
Capacitance	@ 10 kHz across open switch		0,5		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts			1		
Contact - form			A - NO		
Dielectric Strength Coil/Contact	according to EN 60255-5	7			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	10			TOhm
Case colour			blue		
Housing material			PBT glass fibre reinforced		
Sealing compound			Polybutadiene, black		
Connection pins			Copper alloy tin plated		
Reach / RoHS conformity			yes		



Products for tomorrow...

Europe: +49 / 7731 8399 0

| Email: info@meder.com

USA: +1 / 508 295 0771

| Email: salesusa@meder.com

Asia: +852 / 2955 1682

| Email: salesasia@meder.com

Item No.:

1624185000

Item:

LI24-1A85

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-20		70	°C
Storage temperature		-35		95	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Total weight			4,7		g
Packaging		VPE			

Modifications in the sense of technical progress are reserved

Designed at: 13.04.07 Designed by:

Approval at: 16.04.07 Approval by:

Last Change at: 29.08.11 Last Change by: WKOVACS

Approval at: 30.08.11 Approval by: CRUF

Version: 12

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Standex Electronics:](#)

[LI24-1A85](#)