

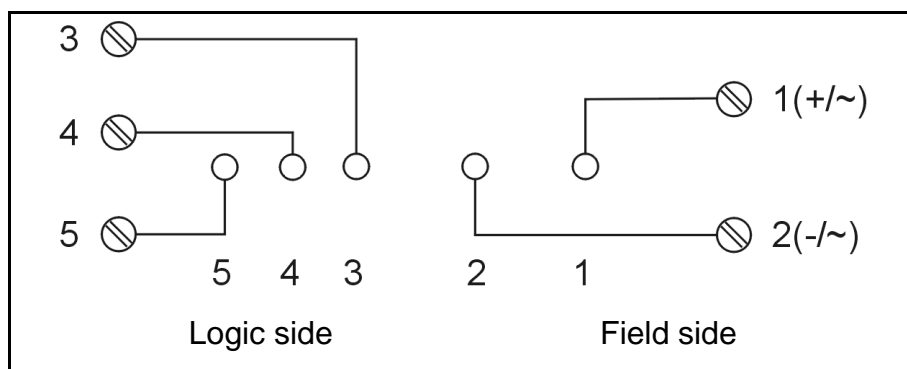
## MIOS 1A

Mounting socket for SL-relays

### Main features

- Socket for SL-series plug-in relays up to 350 VDC/415 VAC
- For input and output relays
- CE (LVD)

### Connection diagram



### Specifications

Breakdown voltage I/O	minimum	4600	VAC rms
Air/creepage distances I/O	minimum	9	mm
Voltage, logic side	nominal	5...60	VDC
Voltage, field side	nominal	350/415	VDC/VAC
Screw terminals:			
Torque	range	0,5...0,6	Nm
Solid wire	maximum	4 mm <sup>2</sup> (AWG 12) (range 12...24 AWG)	
Stranded	maximum	2,5 mm <sup>2</sup> (AWG 14) (range 14...24 AWG)	
Contacts:			
Current	maximum	8	A rms
Materials:			
Relay base	PBT	UL 94V-0	
DIN-rail socket	PVC/PA	UL 94V-0	
Weight	typical	35	g
Temperature range:			
Storage	range	-40...+70	°C
Operation	range	-40...+70	°C

Specifications in pollution degree 2.

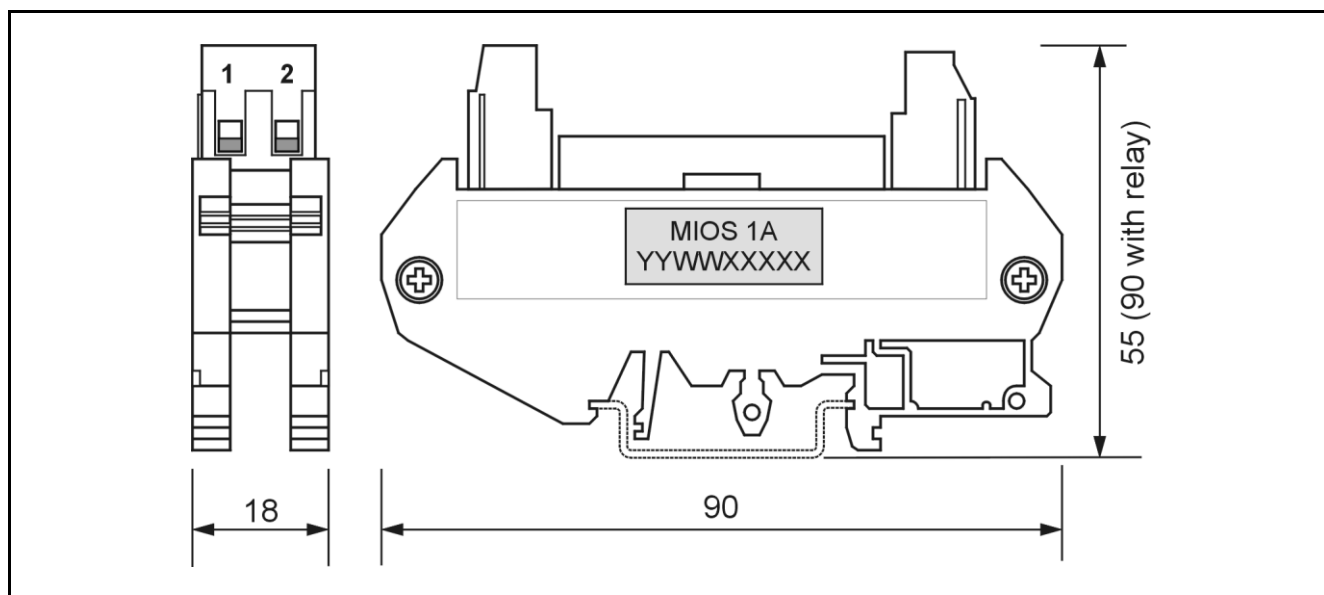
### Assembling

Can be assembled to standard 35 mm DIN-rail.

Assembling density and loading of the relays depend on the relay type and ambient conditions.


Use proper tool size to tighten the screws. Over-torquing may cause screw terminal breakage.

## Mechanical dimensions



MIOS 1A (dimensions in mm).

## Approvals

	Fulfils requirements of the low voltage directive (LVD) 2006/95/EC.
---	---

## Guarantee

This mounting socket made by Delcon Oy is guaranteed free from design and manufacturing defects for a period of 10 years from the manufacturing date. The guarantee liability is limited to replacement of defective material and related shipping charges. Defective products must be returned to the manufacturer for evaluation. This guarantee does not cover damage due to incorrect use or electrical overload.