

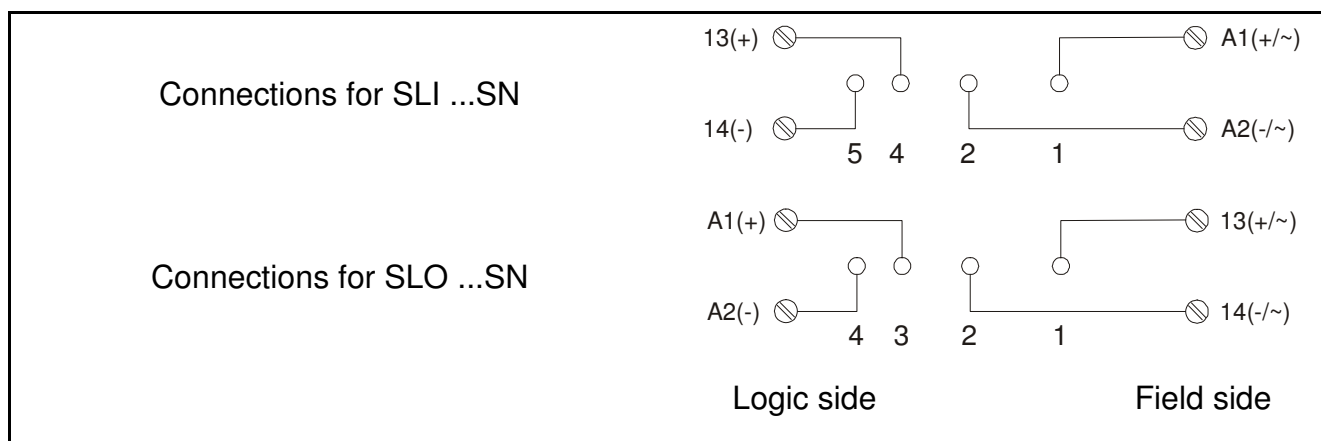
SLI/SLO ...SN

DIN-rail SL-relays

Main features

- DIN-rail solid state and electromechanical SL-relays
- cULus Listed, CE (EMC and LVD)
- Integrated status LED

Connection diagrams



Specifications

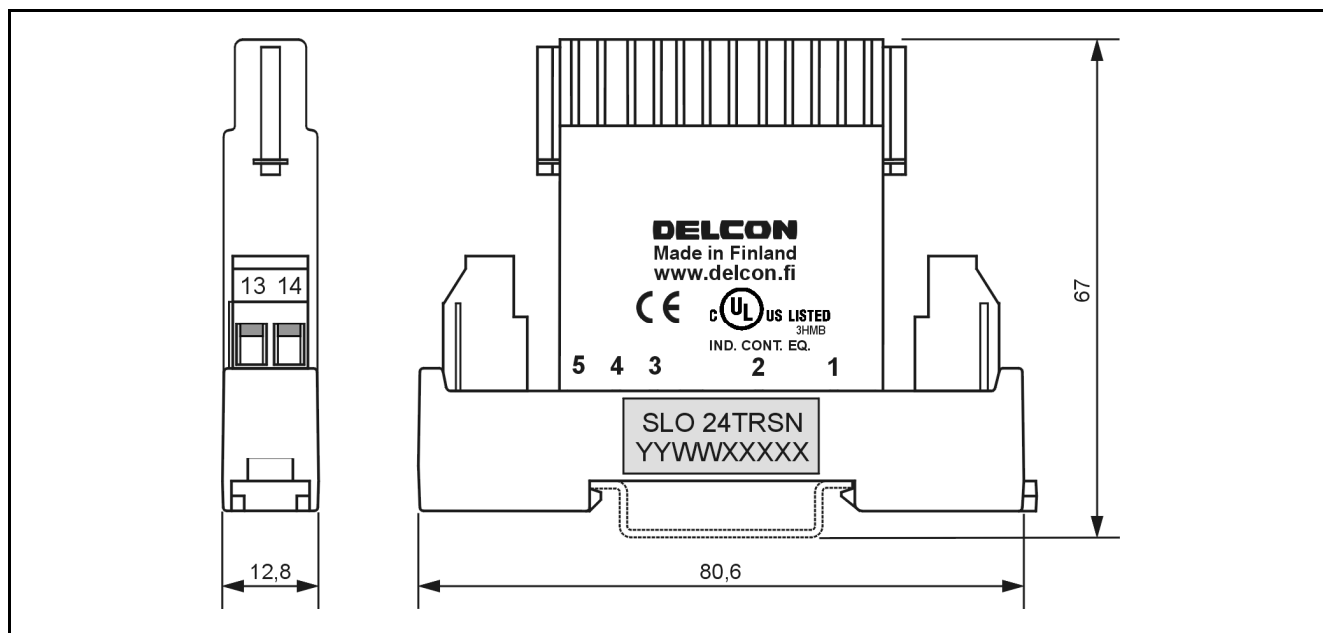
Breakdown voltage I/O	minimum	4300	VAC rms
Air/creepage distances I/O	minimum	8	mm
Capacitance I/O	typical	3	pF
Screw terminals:		MKDS3/2 (Phoenix Contact)	
Torque	range	0,5...0,6	Nm
Solid wire	maximum	4 mm ² (AWG 12) (range 12...24 AWG)	
Stranded	maximum	2,5 mm ² (AWG 14) (range 14...24 AWG)	
Materials:			
Relay casing	PBT	UL 94V-0	
DIN-rail socket	ABS/PC	UL 94V-0	
Weight	typical	55	g
Temperature range:			
Storage	range	-40...+70	°C
Operation	range	Depends on the relay type.	
Electrical specifications depend on the relay type.			

Assembling

Can be assembled to standard 35 mm DIN-rail. Use proper tool size to tighten the screws. Use 60/75 °C copper wire only. Over-torquing may cause screw terminal breakage.



Assembling density and loading of the relays depend on the relay type and ambient conditions. The recommended installation is to the horizontal rail for better cooling of the relays.

Mechanical dimensions



Illustrated is SLO 24TRSN (dimensions in mm, nominal).

Approvals

	<p>Certificate: E162828 Check the situation from plug-in relay specification.</p>
	<p>Fulfils main requirements of the EMC-directive 2004/108/EC. See detailed specifications from individual (Plug-in) relay document. Fulfils requirements of the low voltage directive (LVD) 2006/95/EC.</p>

SL-series DIN-rail relay has cULus-approval if the plug-in version has it.

Guarantee

These solid state I/O relays made by Delcon Oy are guaranteed free from design and manufacturing defects for a period of 3...10 years from the manufacturing date. For electromechanical relays (SRO ...) the guarantee is one year. 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.

Check the guarantee for the relay type from plug-in relay specification.