

New!

Delcon Series Relays

Extreme reliability where other relays fail!

High Noise Immunity

Pulse transformer I/O modules provide higher transient immunity and high input-to-output isolation where electrical noise is a problem.

Long Lifetime

Delcon Series relays are backed by Weidmüller's 10-year warranty.

Rugged Environments

Rated for temperatures ranging from -25 °C to + 70 °C.

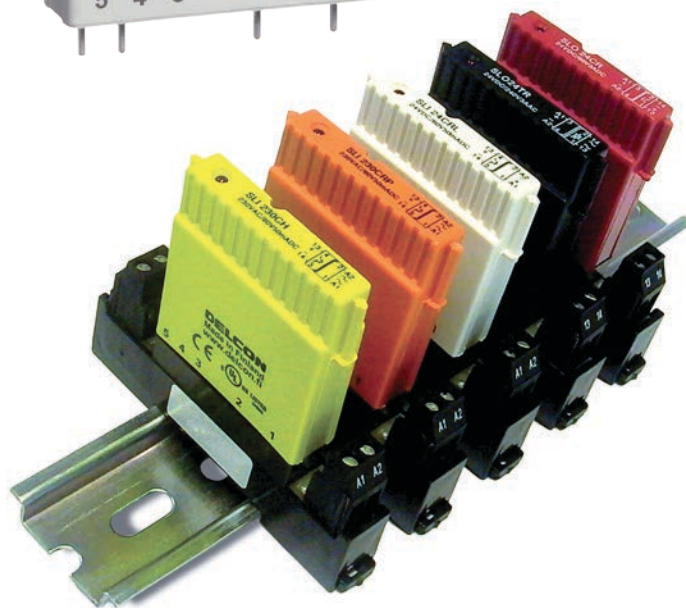


Reliable & Safe Operation

Switch highly inductive loads (AC and DC) and large DC voltages with galvanic isolation of 4 kV.

Avoid Product Downtime

Reliability, safe operation, and cost savings in maintenance due to fewer unexpected breakdowns.



Let's Connect

www.weidmuller.com

Weidmüller

EX - Hazardous Areas

EXI - series Input modules

Plug-in relay	Description	Control voltage
EXI 12CH	Input Plug-in Relay 12 VDC	7.5 - 14VDC
EXI 24CH	Input Plug-in Relay 24 VDC	16 - 28VDC
EXI 24CHF	Input Plug-in Relay 24 VDC, Fast	16 - 28VDC
EXI 24CHL	Input Plug-in Relay 24 VDC, Increased Input Current	16 - 28VDC
EXI 25CH	Input Plug-in Relay 24 VAC	16 - 24VAC
EXI 49CH	Input Plug-in Relay 48 VAC	35 - 48VAC
EXI 120CH	Input Plug-in Relay 120 VAC	80 - 120VAC
EXI 120CHI	Input Plug-in Relay 120 VAC, Normally Closed	80 - 120VAC
EXI 120CHP	Input Plug-in Relay 120 VAC, Proxy	80 - 120VAC
EXI 125CH	Input Plug-in Relay 120 VDC	80 - 120VDC

Note: Variants 48V, 230V and 250V are available.

EXO - series DIN-rail modules

Soldered to base (no socket)

DIN-rail relay	Description	Control voltage
EXO 5CHXSN	Output DIN-rail Relay 5 VDC/0...24 VDC 10 A	2.7 - 5 VDC
EXO 12CHXSN	Output DIN-rail Relay 12 VDC/0...24 VDC 10 A	8 - 14 VDC
EXO 24CHXSN	Output DIN-rail Relay 24 VDC/0...24 VDC 10 A	16 - 28 VDC

Note: Variants 48V, 230V and 250V are available.

Bases

Rail Mountable With socket

Bases	Description	Connection type
MIS 1CCNEX	DIN-rail Socket for EXI Input Relay	Tension spring clamp
MIS 1GNEX	DIN-rail Socket for EXI Input Relay	Screw clamp terminals
MIS 1TNEX	DIN-rail Socket for EXI Input Relay, Test Holes 2.3 mm	Screw clamp and Test points
MOS 1CCNEX	DIN-rail Socket for EXO Output Relay	Tension spring clamp
MOS 1GNEX	DIN-rail Socket for EXO Output Relay	Screw clamp terminals
MOS 1TNEX	DIN-rail Socket for EXO Output Relay, Test Holes 2.3 mm	Screw clamp and Test points

Information

Information is available for download on the web at www.weidmuller.com.
Printed catalog versions are also available and can be ordered online.

Ref. No.	Description
LIT1323	DELCON Series Relays Datasheet for EX Hazardous Environments
LIT1011	DELCON Series Relays Datasheet Standard Variants

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EX - Hazardous Areas

EXO - series Output modules

Plug-in relay	Description	Control voltage
EXO 5CH	Output Plug-in Relay 5 VDC/0...60 VDC 3 A	2.7 - 5 VDC
EXO 5CHA	Output Plug-in Relay 5 VDC/0...250 VDC 1.8 A	2.7 - 5 VDC
EXO 5CHX	Output Plug-in Relay 5 VDC/0...24 VDC 10 A (6.3A in base)	2.7 - 5 VDC
EXO 5IHA	Output Plug-in Relay 5 VDC/0...240/250 VAC/VDC 1.2 A	2.7 - 5 VDC
EXO 5TH	Output Plug-in Relay 5 VDC/0...240 VAC 3 A, Snubber	2.7 - 5 VDC
EXO 12CH	Output Plug-in Relay 12 VDC/0...60 VDC 3 A	8 - 14 VDC
EXO 12CHA	Output Plug-in Relay 12 VDC/0...250 VDC 1.8 A	8 - 14 VDC
EXO 12CHX	Output Plug-in Relay 12 VDC/0...24 VDC 10 A (6.3A in base)	8 - 14 VDC
EXO 12TH	Output Plug-in Relay 12 VDC/0...240 VAC 3 A, Snubber	8 - 14 VDC
EXO 24CH	Output Plug-in Relay 24 VDC/0...60 VDC 3 A	16 - 28 VDC
EXO 24CHA	Output Plug-in Relay 24 VDC/0...250 VDC 1.8 A	16 - 28 VDC
EXO 24CHA4	Output Plug-in Relay 24 VDC/0...250 VDC 4 A	16 - 28 VDC
EXO 24CHX	Output Plug-in Relay 24 VDC/0...24 VDC 10 A (6.3A in base)	16 - 28 VDC
EXO 24IHA	Output Plug-in Relay 24 VDC/0...240/250 VAC/VDC 1.2 A	16 - 28 VDC
EXO 24TH	Output Plug-in Relay 24 VDC/0...240 VAC 3 A, Snubber	16 - 28 VDC
EXO 24TR	Output Plug-in Relay 24 VDC/0...240 VAC 3 A, Low Leakage	16 - 28 VDC
EXO 120CHA	Output Plug-in Relay 120 VDC/0...250 VDC 1.8 A	80 - 120 VDC
EXO 120CHA4	Output Plug-in Relay 120 VDC/0...250 VDC 4 A	80 - 120 VDC
EXO 220CHA	Output Plug-in Relay 220 VDC/0...250 VDC 1.8 A	170 - 220 VDC
EXO 220CHA4	Output Plug-in Relay 220 VDC/0...250 VDC 4 A	170 - 220 VDC
EXO P120TH	Output Plug-in Relay 120 VAC/0...240 VAC 3 A, Snubber	80 - 120 VAC

Note: Variants 48V, 230V and 250V are available.

Standard Non - Hazardous Areas

SLI - series Input modules

AC apps. / input relays - DC low current output

Plug-in relay	Description	Control voltage	Color
SLI 25CR	regular operation	24 VAC	Yellow
SLI 120CRI	normally closed	120 VAC	Yellow
SLI 120CH	transient protection added on output	120 VAC	Yellow
SLI 120CR	regular operation	120 VAC	Yellow
SLI 120CRP	3.5mA leakage immunity on input	120 VAC	Orange

SLI - series Input modules

DC apps. / input relays - DC low current output

Plug-in relay	Description	Control voltage	Color
SLI 12CR	regular operation	12 VDC	White
SLI 24CR	regular operation	24 VDC	White
SLI 24CRF	fast switching, 10,000 Hz	24 VDC	White
SLI 24CRL	to maintain min. input load 15 mA	24 VDC	White
SLI 125CH	transient protection added on input	125 VDC	White
SLI 125CR	regular operation	125 VDC	White

SLO - series Output modules

AC apps. / output relays - AC/DC input voltage

Plug-in relay	Description	Control voltage	Color
SLO 5IRA	fast AC switching, off-delay 0.5 ms	5 VDC	Black
SLO 5TR	regular operation	5 VDC	Black
SLO 12TR	regular operation	12 VDC	Black
SLO 24IRA	fast AC switching, off-delay 0.5 ms	24 VDC	Black
SLO 24TH	transient protection added	24 VDC	Black
SLO 24TR	regular operation	24 VDC	Black
SLO A120TR	regular operation	120 VAC	Black
SLO P120TR	2mA leakage immunity on input	120 VAC	Black
SRO 24M	electromechanical relay, make (NO)	24 VDC	Black
SRO 24B	electromechanical relay, break (NC)	24 VDC	Black

SLO - series Output modules

DC apps. / output relays - DC input voltage

Plug-in relay	Description	Control voltage	Color
SLO 5CRA	100 ms time constant*	5 VDC	Red
SLO 5CR	normal use	5 VDC	Red
SLO 5CRX	high current, resistive load	5 VDC	Red
SLO 12CR	normal use	12 VDC	Red
SLO 12CRA	100 ms time constant*	12 VDC	Red
SLO 12CRX	high current, resistive load	12 VDC	Red
SLO 24CRA	100 ms time constant*	24 VDC	Red
SLO 24CR	normal use	24 VDC	Red
SLO 24CL	low input current	24 VDC	Red
SLO 24CRA4	50 ms time constant*	24 VDC	Red
SLO 24CRX	high current, resistive load	24 VDC	Red

* L/R max. @ 24 V load voltage and max. current
** L/R depends on V and I

Note: Variants 48V, 230V and 250V are available.