



Identification	Type	LCON ALS FDT 806210
	Part-No.	750360
Description	Input: ± 30 V, ± 50 mA, ± 5 A adjustable – adjustable limit value switch Output: Semiconductor NO contact Insulation: 2.5 kV, 2-way isolation	
Input	Input variable Analogue signals Measurement input $+30/-30$ V, $+50/-50$ mA, DC $+5$ A/ -5 A, adjustable via software FDT/DTM, connection via micro USB Galvanic isolation I/O 2-way isolation Step response (10–90%) 4 ms – 750 ms (adjustable by means of filter stage 1–5, default: filter stage 4 = 200 ms) Parameterisation Software FDT/DTM DIP switch Zero /Span freely adjustable Input resistance >800 k Ω @ $+30/-30$ V, 30 Ω @ $+50/-50$ mA, 10 m Ω @ DC $+5$ A/ -5 A	
Output	Output signal $+30/-30$ V, $+50/-50$ mA, DC $+5$ A/ -5 A, adjustable via software FDT / DTM, connection via USB service cable Contact type K1,K2: Semi-conductor, N/O contact Max. switching voltage DC 30 V	

25.08.2017 – Subject to technical modification

Part-No. 750360

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
 Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
 www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
 Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
 Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
 www.lutze.com • sales.gb@lutze.co.uk



Technical data sheet · Interface Technology

Max. switching current	DC 100 mA
Status display output	LED yellow K1 and LED yellow K2, not short circuit protected
Operating mode	Limit value, window, alarm output / additionally adjustable: Hysteresis, input / output delay
Parameterisation	Software FDT/DTM DIP switch

Operating data

Accuracy	0.1 % FSR @ +30/-30 V, +50/-50 V 0,5 % FSR @ +5 A/-5 A
Linearity error	±0.05 % FSR @ +30/-30 V, +50/-50 V ±0,1 % FSR @ +5 A/-5 A

General

Rated voltage	DC 24 V
Operation voltage range	16.8–30 V
Rated current	approx. 12 mA
Status indication	LED green, yellow (K1, K2), red (error)
Input/output protection	Overvoltage DC 30 V
Temperature error	<100 ppm FSR
Data storage	Flash
Insulation voltage input / output	2.5 kV _{eff}
Resolution	16-bit
Configuration	Software: FDT / DTM
Housing material	PA 6.6 (UL 94 V-0)
Colour of the housing	light grey
Mounting	DIN rail mountable TS35 (EN 60715)
Protection class	IP20
Installation position	any
Connection device	Screw terminal 0.14 mm ² – 1.5 mm ²
Operation temperature range	-40 °C ... +70 °C
Storage temperature range	-40 °C ... +85 °C
Dimensions (w × h × d)	6.2 × 90.0 × 115.5 mm
Weight	0.050 kg/piece
PU	1 piece
Approvals	cULus (E135145) Cl.1 Div2, Gr. A, B, C, D, T4A GL
Standards	EN 60947-5-1

25.08.2017 – Subject to technical modification

Part-No. 750360

USA: LUTZE INC.

13330 South Ridge Drive · Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 · Fax +1 (704) 504-0223
www.lutze.com · info@lutze.com

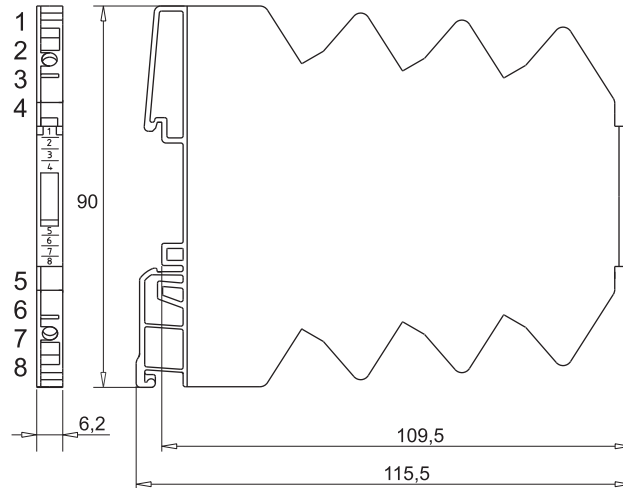
United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington · GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 · Fax +44 (0)1827 31333-2
www.lutze.com · sales.gb@lutze.co.uk

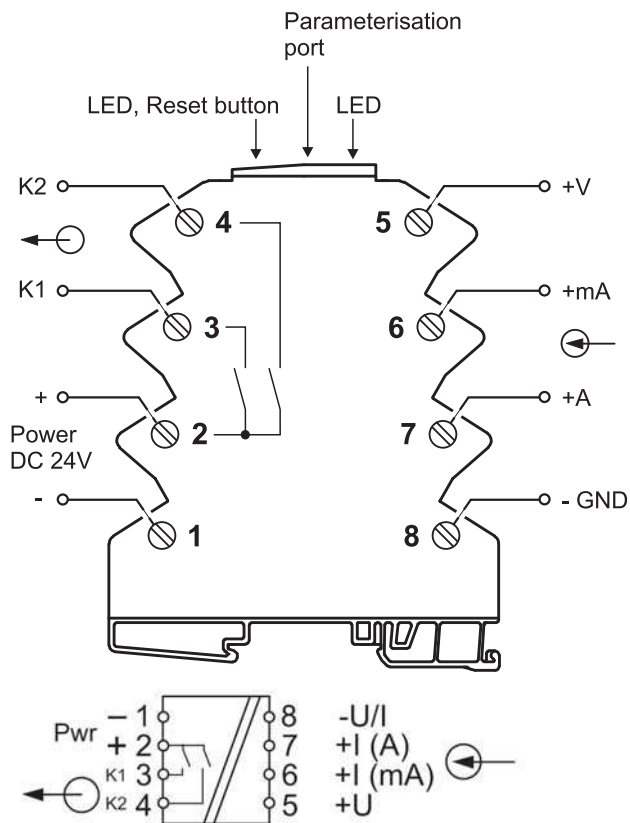


SYSTEMATIC TECHNOLOGY

Dimensions



PIN assignment



25.08.2017 – Subject to technical modification

Part-No. 750360

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA

Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223

www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park

Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU

Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2

www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY