



Identification	Type	REP-0140 1W DC12V
	Part-No.	770140
Description	DC-Relay-Interface, 1 CO contact / SPDT, pluggable AC 400 V/DC 300 V, 16 A, 4000 VA	
Input		
Rated voltage U_N	DC 12 V	
Input voltage range	8.4 – 18 V	
Rated current I_N	0.034 A	
Interrupting voltage	<1.2 V	
Protection device	Free-wheeling diode	
Status display input	LED green	
Power consumption	0.4 W	
Output		
Contact type	1 changeover contacts / SPDT	
Switching element	Relays	
Min. switching voltage	AC/DC 5 V	
Max. switching voltage	AC 400 V / DC 300 V	
Min. switching current	AgNi: AC/DC 5 mA	
Max. switching current	AC/DC 16 A	

20.10.2017 – Subject to technical modification

Part-No. 770140

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

Switching capacity DC 13	2 A @ 24 V, 300 mA @ 115 V, 150 mA @ 230 V
Switching capacity AC 15	3.3 A
Max. switching capacity	4000 VA
Contact material	AgNi
Mechanical service life	>10 ⁷ operations
Switch-on delay	15 ms
Shutdown delay	8 ms
Clearance/creepage dist. (control/load side)	Clearance distance: > 10 mm; creepage distance: > 10 mm
Protection device	none
Rated insulation voltage (EN 50178)	AC 400 V (category C 250)

General

Housing material	PA 6.6 + GF V0 (UL)
Color of the housing	black
Protection class	IP20
Mounting	DIN rail mountable TS35 (EN 60715)
Insulation voltage input / output	5.0 kV _{eff}
Safe isolation	yes
Operation temperature range	-40 °C ... +85 °C
Storage temperature range	-40 °C ... +85 °C
Dimensions (w x h x d)	15.6 x 75.0 x 67.0 mm (including mounting bracket)
Weight	0.062 kg/piece
Connection device	Screw terminal 0.20 mm ² – 4.0 mm ²
Standards	EN 60947-4-1
Approvals	cULus

20.10.2017 – Subject to technical modification

Part-No. 770140

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

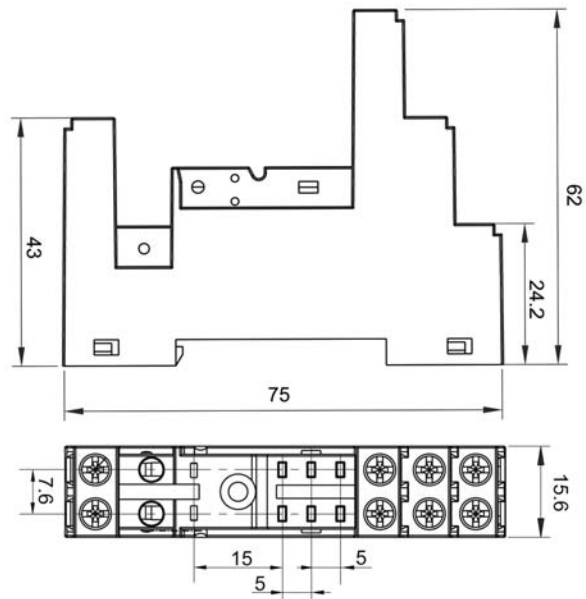
United Kingdom: LÜTZE Ltd.

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

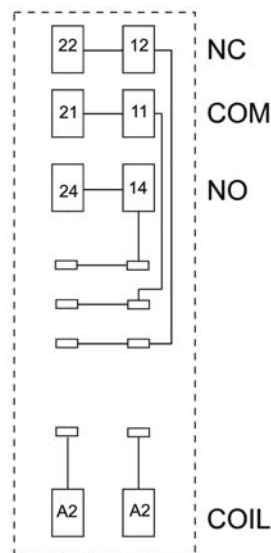


SYSTEMATIC TECHNOLOGY

Dimensions



PIN assignment



Accessories

20.10.2017 – Subject to technical modification

Part-No. 770140

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

Accessories	Color	Part-No.	Type	PU
Jumper comb 8-pin, Axilliary relay	black	770908	REP-0908	10
Tag holder auxiliary relay		770902	REM-0902	10
Mounting bracket auxiliary relay		770901	REE-0901	10

20.10.2017 – Subject to technical modification

Part-No. 770140

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