JUMPFLEX®
A Complete Product Line is Available, Bringing Each Signal into Shape
857 Series

Perfectly pairing a housing with electronics is key to a highly successful device. This goal has been achieved by WAGO with the new family of 857 Series Transducers and Relay Modules.

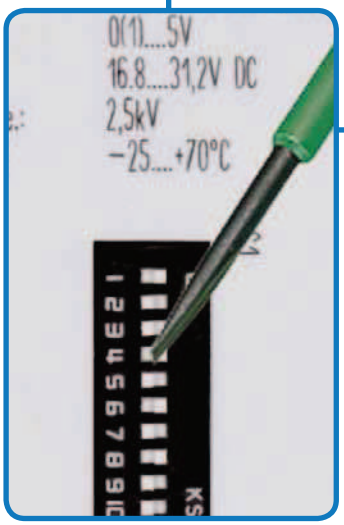
Clear Identification

Clear marking via WMB Multi markers.

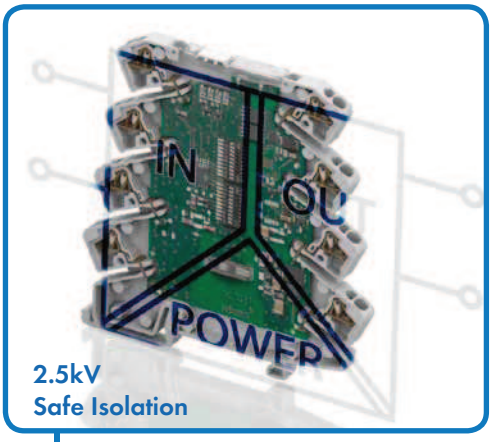


Flexibility At Its Finest

Configuration via DIP switch. Temperature transducers can also be configured via software.







Maximum Safety

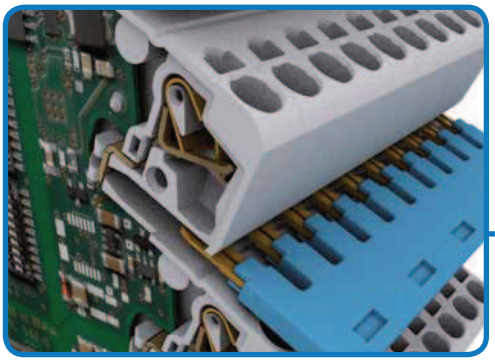
All devices provide “safe isolation” with 2.5kV test voltage to EN 61140.

Simple Handling

Removing relay via 3.5mm screwdriver.



CAGE CLAMP®



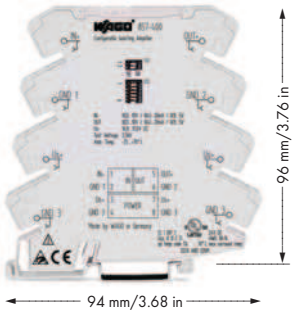
Commoning, Not Discrete Wiring

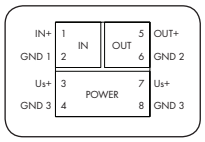
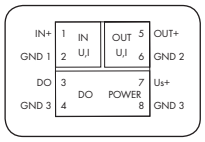
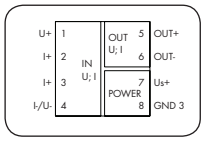
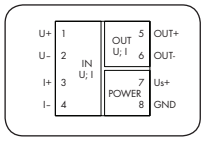
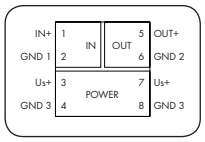
Same outline allows use of a single in-line, push-in jumper.

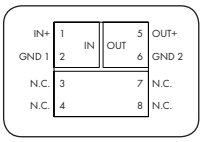
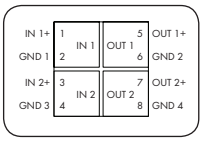
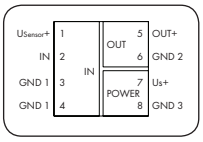
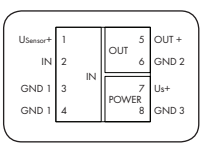
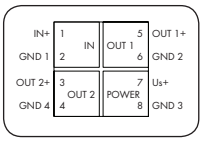
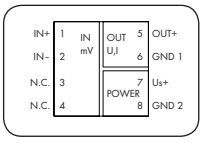
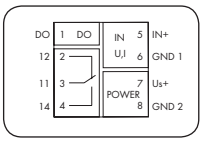
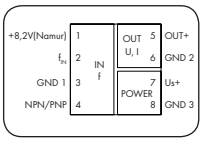
JUMPFLEX® Transducers 857 Series

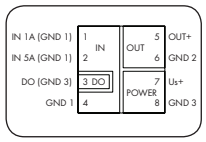
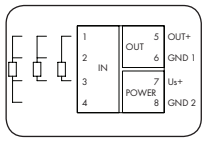
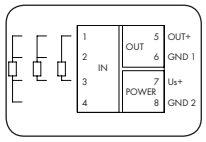
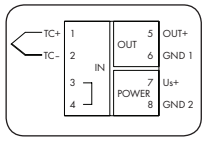
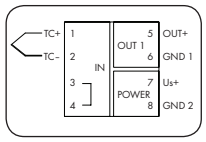
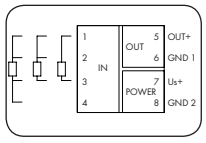
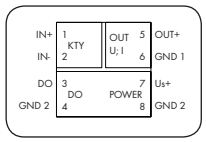
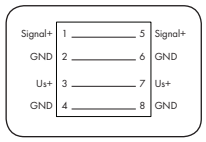
Transducers

0.08 - 0.2 mm² "sol." / 0.34 - 2.5 mm² "f-st"
Voltage supply: 16.8 – 31.2 V
Temperature range: -25 °C to +70 °C
Width: 6 mm
9 - 10 mm / 0.37 in



	Item No.	Pack. Unit
	**Isolation amplifier,** configurable, with zero/span adjustment	
	857-400	1
	**Isolation amplifier,** configurable, with digital output	
	857-401	1
	**Universal isolation amplifier,** configurable	
	857-402	1
	**Bipolar isolation amplifier**	
	857-409	1
	**Isolation amplifier,** fixed setting	
	Input: 0(4) – 20 mA	
	Output: 0(4) – 20 mA	
	857-411	1
	Input: 0(2) – 10 V	
	Output: 0(2) – 10 V	
	857-412	1
	Input: 0 – 10 V	
	Output: 0 – 20 mA	
	857-413	1
	Input: 0 – 10 V	
	Output: 4 – 20 mA	
	857-414	1
	Input: 0 – 20 mA	
	Output: 0 – 10 V	
	857-415	1
	Input: 4 – 20 mA	
	Output: 0 – 10 V	
	857-416	1

	Item No.	Pack. Unit
	**Passive isolator,** 1-channel	
	857-451	1
	**Passive isolator,** 2-channel	
	857-452	1
	**Repeater power supply**	
	857-420	1
	**Repeater power supply,** HART	
	857-421	1
	**Signal splitter**	
	857-423	1
	**Millivolt transducer**	
	857-819	1
	**Threshold value switch**	
	857-531	1
	**Frequency transducer** 0.1 – 120 KHz	
	857-500	1

	Item No.	Pack. Unit
	**Current transducer** 0 – 1 A, 0 – 5 A AC/DC	
	857-550	1
	**Temperature transducer for RTD**	
	857-800	1
	**Temperature transducer for RTD**	
	857-801	1
	**Temperature transducer for thermocouples**	
	857-810	1
	**Temperature transducer for thermocouples**	
	857-811	1
	**Temperature transducer for Ni sensors**	
	857-818	1
	**Temperature transducer for KTY sensors**	
	857-820	1
	**Supply and through module**	
	857-979	1

Please find the entire product range in our Full Line Catalog, Volume 4, INTERFACE ELECTRONIC. Additional information at www.wago.com.

JUMPFLEX®
Relays, Optocouplers and Adapters
857 Series

Relays

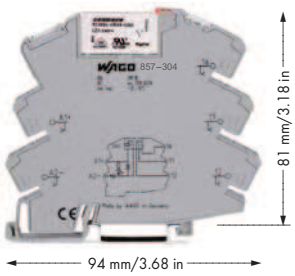
0.08 - 0.2 mm² "sol." / 0.34 - 2.5 mm² "f-st"
Voltage supply: 16.8 – 31.2 V
Temperature range: -25 °C to +60 °C
Width: 6 mm
9 - 10 mm / 0.37 in

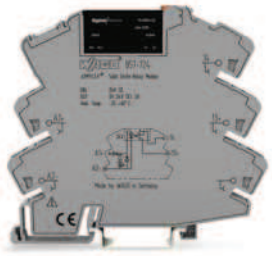
Optocouplers

0.08 - 0.2 mm² "sol." / 0.34 - 2.5 mm² "f-st"
Voltage supply: 16.8 – 31.2 V
Temperature range: -25 °C to +60 °C
Width: 6 mm
9 - 10 mm / 0.37 in

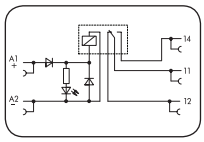
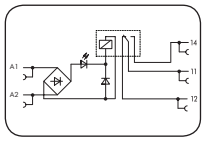
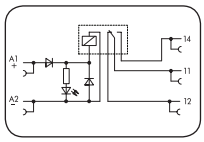
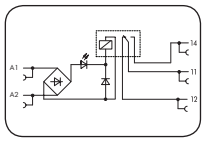
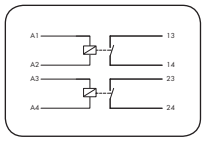
8-Channel Adapter

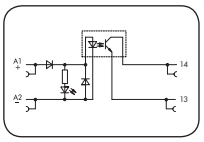
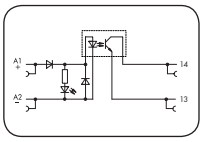
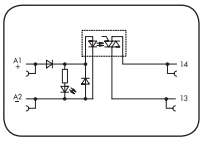
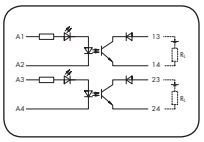
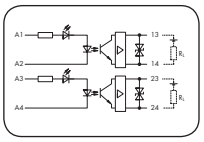
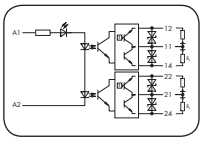
0.08 - 2.5 mm² / AWG 28 - 14
5 - 6 mm / 0.22 in

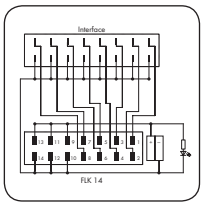
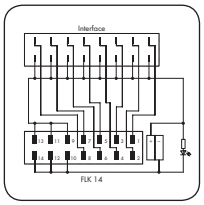
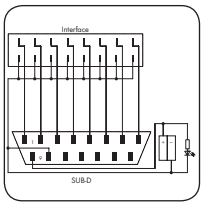


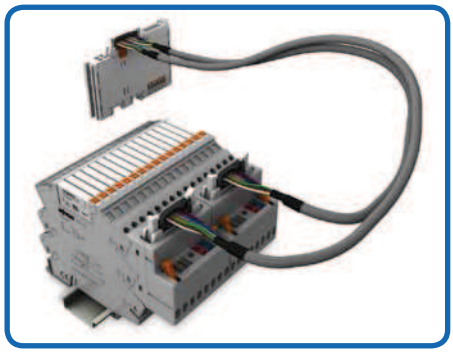




	Item No.	Pack. Unit
	**Socket with miniature switching relay**	
	857-303 12 VDC	1
	857-304 24 VDC	1
	857-305 48 VDC	1
	857-306 60 VDC	1
	857-307 110 VDC	1
	857-308 220 VDC	1
	**Socket with miniature switching relay,** with gold contacts	
	857-354 24 V AC/DC	1
	857-357 115 V AC/DC	1
	857-358 230 V AC/DC	1
	**Socket with miniature switching relay,** with gold contacts	
	857-314 24 VDC	1
	857-317 110 VDC	1
	857-318 220 VDC	1
	**Socket with miniature switching relay,** with gold contacts	
	857-364 24 V AC/DC	1
	857-367 115 V AC/DC	1
	857-368 230 V AC/DC	1
	**Socket with miniature switching relay**	
	857-1330 24 V AC/DC	1

	Item No.	Pack. Unit
	**Optocoupler,** with plugged solid-state relay	
	Switching voltage ❶	
	857-724 24 VDC	1
	857-727 115 V AC/DC	1
	857-728 230 V AC/DC	1
	**Optocoupler,** with plugged solid-state relay	
	Switching voltage ❷	
	857-704 24 VDC	1
	857-707 115 V AC/DC	1
	857-708 230 V AC/DC	1
	**Optocoupler,** with plugged solid-state relay	
	Switching voltage ❸	
	857-714 24 VDC	1
	857-717 115 V AC/DC	1
	857-718 230 V AC/DC	1
	**Optocouplers**	
	Input: 2 x 24 VDC	
	Output: 2 x 9 – 60 VDC	
	Max. switching current:	
	2 x 0.1 A	
	857-1494	1
	**Optocouplers**	
	Input: 2 x 24 VDC	
	Output: 2 x 3 – 30 VDC	
	Max. switching current:	
	2 x 3 A	
	857-1430	1
	**Optocouplers**	
	Input: 24 VDC	
	Output: 2 changeover contacts, 2 x 9 - 60 VDC	
	Max. switching current: 2 x 0.5 A	
	857-1432	1

	Item No.	Pack. Unit
	**8-channel adapter for system wiring,** with 14-pole ribbon cable connector to DIN 41651, high-side switching input	
	Supply voltage: 24 VDC	
	Current carrying capacity: 1 A	
	857-981	1
	**8-channel adapter for system wiring,** with 14-pole ribbon cable connector to DIN 41651, high-side switching output	
	Supply voltage: 24 VDC	
	Current carrying capacity: 1 A	
	857-982	1
	**8-channel adapter for system wiring,** with D-sub male connector	
	Supply voltage: 24 VDC	
	Current carrying capacity: 1 A	
	857-986	1



Accessories, 857 Series

Appropriate marking system: **WMB**

Push-in type jumper bars, light gray, insulated, I_N 18 A



2-way	**859-402**	200 (8x25)
3-way	**859-403**	200 (8x25)
4-port	**859-404**	200 (8x25)
:	:	
10-port	**859-410**	100 (4x25)

WAGO USB communication cable, connects a PC (notebook) to the 857 Series transducer interface



750-923 1

❶ 0 – 24 VDC / 2 A ❷ 0 – 48 VDC / 0.1 A ❸ 24 – 230 VAC / 1 A