

# DEFINE-TWIN-LINK Cut Sheet



Define Instruments Twin Link series wireless signal transmitter/receiver, isolated, Input: 2-channel, current/bipolar voltage/freq/potentiometer/thermocouple/RTD, deg F or deg C, Output: 2-channel, loop powered current, ZigBee: 2.4 GHz, 9-36 VDC operating voltage.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/DEFINE-TWIN-LINK>

## Technical Specifications

Brand	Define Instruments
Item	Wireless signal transmitter/receiver
Series	Twin Link
Isolation	Isolated
Field Configurable	Yes
Number of General Purpose Input Points	2
Number of Discrete Input Points	4
Nominal Input Voltage	1.4-30 VDC
Discrete Input Type	Sinking/sourcing
Number of Non-Isolated Discrete Input Commons	1
Number of Points per Discrete Input Common	4
Number Of Input Channels	2
Input	Current/bipolar voltage/frequency/potentiometer/thermocouple/RTD
Input Current Signal Range	0-20 mA and 4-20 mA
Input Frequency Signal Range	0-2500 Hz
Input Potentiometer Resistance	0-10k ohm
Input RTD Signal Types	Pt100 and Pt1000
Input Thermocouple Signal Type	J, K, B, E, N, R, S, T
Input Voltage Signal Range	+/- 200 mVDC, -200 mVDC-1 VDC, 0-10 VDC and 0-18 VDC
Programmable Temperature Range	Deg F or deg C
Number of Discrete Output Points	4
Nominal Output Voltage	30 VDC
Discrete Output Type	Sinking/sourcing/relay
Relay Configuration	(2) Form A (SPST) relays
Load Current	5A/point

Number of Non-Isolated Discrete Output Commons	1
Number of Points per Discrete Output Common	2
Number Of Output Channels	2
Output	Loop powered current
Output Current Signal Range	4-20 mA and 20-4 mA
Communication Port and Connection Type(s)	(1) ZigBee (RP-SMA antenna plug)
Port Speed(s)	802.15.4 ZigBee
Frequency Bands	ZigBee: 2.4 GHz
Operating Voltage	9-36 VDC
Housing Material	Plastic
IP Rating	IP20
Mounting	35mm DIN rail
Electrical Connection	Screw terminals
Requires	DEFINE-BRIDGE-KEY fob USB adapter and DEFINE-TOOLBOX-SW configuration software (for changing default configurations)
Additional Information	Use STRIDE SE-ANT250 dome antenna for installation in metal enclosures

# DEFINE-TWIN-LINK Cut Sheet

---

## Agency Approvals

<b>UL Listed File #</b>	None
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

---

## Dimensional Drawings



2D Drawing PDF Link:  
[https://cdn.automationdirect.com  
/static/drawings/2d/DEFINE-TWIN-LINK.pdf](https://cdn.automationdirect.com/static/drawings/2d/DEFINE-TWIN-LINK.pdf)  
See store item page for other formats.

---