

## AS-i/CC-Link Gateway in Protection Class IP65

Powered by AS-i

Advanced AS-i diagnostics

AS-i Specification 2.1



Article no.	BW1435
Connections	AS-i: electromechanical interface (penetration technique) CC-Link: heavy gauge terminals and screw terminal blocks
Operating current	master power supply A, approx. 200 mA out of the AS-i circuit
Operating voltage	AS-i voltage 30 V DC
CC-Link interface	according to CC-Link specification
Baud rates	156 Kbps up to 10 MBps
Type	remote device
Occupied stations	3
CC-Link functions	imaging of the AS-i slaves as RW data on CC-Link. complete diagnosis and configuration via CC-Link
AS-i cycle time	150 $\mu$ s*(Number of slaves + 1)
Displays	
LCD	AS-i slave addresses and error messages. CC-Link baud rate and station number
LED green (PW)	Power on
LED green (L RUN)	CC-Link Run LED
LED red (L ERR)	CC-Link Error LED
LED green (SD)	CC-Link Send Data LED
LED green (RD)	CC-Link Receive Data LED
LED red (CONF ERR)	configuration error
LED green (U AS-i)	AS-i voltage OK
LED green (AS-i ACTIVE)	AS-i normal operation active
LED green (PRG ENABLE)	AS-i automatic address programming enabled
LED yellow (PRG MODE)	AS-i Master is in configuration mode
Push-buttons	2 (mode/set)
Voltage of insulation	$\geq$ 500 V
EMC directions	EN 50082, EN 50081
Ambient operating temperature	0°C ... +55°C
Storage temperature	-25°C ... +85°C
Housing	
Dimensions (L, W, H)	90 mm, 80 mm, 70 mm
Protection category (DIN 40 050)	housing IP65
Weight	355 g

Connection of CC-Link interface on screw terminal block and arrangement on circuit board

1	FG
2	SLD
3	DG
4	DA
5	DB
6	FG
7	SLD
8	DG
9	DA
10	DB

Termination resistor:  
To be removed if module is not at the end of the line

