

- Input: 4...20 mA
- Output: 4...20 mA
- 3 way galvanic isolation

NEW
available upon request

NEW
suggested model
programmable IN/OUT



Code	X756538	XCONAA538P	XCONAA539P
Model	CWA 7-0538	CON-AA-538P	CON-AA-539P
INPUT TECHNICAL DATA			
Signal type	analogue	analogue	analogue
Input range	4...20 mA	4...20 mA	0...10 V / 0...20 mA / 4...20 mA
Maximum voltage / current signal	—	—	—
Input impedance	100 Ω	—	330 kΩ @0-10V / 100 Ω @0-20mA
Parametrization	—	—	DIP switch
OUTPUT TECHNICAL DATA			
Signal type	analogue	analogue	analogue
Output range	4...20 mA	4...20 mA	0...10 V / 0...20 mA / 0...20 mA
Maximum output signal	—	—	16V @0-10V / 5 mA @0-20mA
Load impedance	<400 Ω	500 Ω	2 KΩ @0-10V / 500 Ω @0-20mA
Ripple	<5 mV	<20 mV	<20 mV
Status indication	LED	LED	LED
Parametrization	—	—	DIP switch
GENERAL TECHNICAL DATA			
Power supply voltage	24 Vac/dc	24 Vac/dc	24 Vac/dc
Current consumption	13 mA	—	—
Accuracy	0.1% FSR (23°C)	0.1% FSR (23°C)	0.1% FSR (23°C)
Linearity error	0.1%	0.05% FSR	0.05% FSR
Temperature coefficient	<150 ppm / K FSR	<150 ppm / K FSR	<150 ppm / K FSR
Setting time	—	—	—
Transmission frequency	30 Hz	30 Hz 3dB	30 Hz
Resolution	—	—	—
Rise time	10 ms	6 ms	6 ms
Operating temperature range	-25...+60°C	-25...+60°C	-25...+60°C
Insulation	1.5 kVac / 60 s	2.5 kVac / 60 s	2.5 kVac / 60 s
Insulation type	3-way (IN / OUT / power)	3-way (IN / OUT / power)	3-way (IN / OUT / power)
Standard / approvals	—	EN 60947-5-1	EN 60947-5-1
EMC Standards	—	—	—
Overvoltage category / Pollution degree	II / 2	II / 2	II / 2
Protection degree	IP 20	IP 20	IP 20
Connection terminal IN/OUT	1.5 mm ² / 1.5 mm ² (screw)	2.5 mm ² / 2.5 mm ² (push-in)	2.5 mm ² / 2.5 mm ² (push-in)
Housing material	UL94V-0 plastic material	UL94V-0 plastic material	UL94V-0 plastic material
Dimension (WxHxD)	6.2x90x92.2 mm	6.2x93x73 mm	6.2x93x73 mm
Approximate weight	40 g	29 g	30g
Mounting information	on rail, side by side	on rail, side by side	on rail, side by side
Approvals	CE, UL	CE, UL	CE, UL
ACCESSORIES			
Mounting rail (IEC60715/TH35-7.5)	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB