

- Input: 4...20 mA
- Output: 0...10 V
- 3 way galvanic isolation

NEW

available upon request

NEW

suggested model
programmable IN/OUT



Code	X756536		XCONAA536P		XCONAA539P	
	CWAA 7-0536	CON-AA-536P	CON-AA-536P	CON-AA-539P	CON-AA-539P	CON-AA-539P
Model						
INPUT TECHNICAL DATA						
Signal type	analogue	analogue	analogue	analogue	analogue	analogue
Input range	4...20 mA	4...20 mA	4...20 mA	0...10 V / 0...20 mA / 4...20 mA	0...10 V / 0...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	330 kΩ @0-10V / 100 Ω @0-20mA	330 kΩ @0-10V / 100 Ω @0-20mA
Parametrization	—	—	—	DIP switch	DIP switch	DIP switch
OUTPUT TECHNICAL DATA						
Signal type	analogue	analogue	analogue	analogue	analogue	analogue
Output range	0...10 V	0...10 V	0...10 V	0...10 V / 0...20 mA / 0...20 mA	0...10 V / 0...20 mA / 0...20 mA	0...10 V / 0...20 mA / 0...20 mA
Maximum output signal	21 mA	—	—	16V @0-10V / 5 mA @0-20mA	16V @0-10V / 5 mA @0-20mA	16V @0-10V / 5 mA @0-20mA
Load impedance	>1 kΩ	—	—	2 KΩ @0-10V / 500 Ω @0-20mA	2 KΩ @0-10V / 500 Ω @0-20mA	2 KΩ @0-10V / 500 Ω @0-20mA
Ripple	<5 mV	<20 mV	<20 mV	<20 mV	<20 mV	<20 mV
Status indication	LED	LED	LED	LED	LED	LED
Parametrization	—	—	—	DIP switch	DIP switch	DIP switch
GENERAL TECHNICAL DATA						
Power supply voltage	24 Vac/dc	24 Vac/dc	24 Vac/dc	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)	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	0.05% FSR	0.05% FSR	0.05% FSR
Temperature coefficient	<150 ppm / K FSR	<150 ppm / K FSR	<150 ppm / K FSR	<150 ppm / K FSR	<150 ppm / K FSR	<150 ppm / K FSR
Setting time	—	—	—	—	—	—
Transmission frequency	30 Hz	30 Hz 3dB	30 Hz 3dB	30 Hz	30 Hz	30 Hz
Resolution	—	—	—	—	—	—
Rise time	10 ms	6 ms	6 ms	6 ms	6 ms	6 ms
Operating temperature range	-25...+60°C	-25...+60°C	-25...+60°C	-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	2.5 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)	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	EN 60947-5-1	EN 60947-5-1	EN 60947-5-1
EMC Standards	—	—	—	—	—	—
Overvoltage category / Pollution degree	II / 2	II / 2	II / 2	II / 2	II / 2	II / 2
Protection degree	IP 20	IP 20	IP 20	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)	2.5 mm ² / 2.5 mm ² (push-in)	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	UL94V-0 plastic material	UL94V-0 plastic material	UL94V-0 plastic material
Dimension (WxHxD)	6.2x90x92.2 mm	6.2x93x73 mm	6.2x93x73 mm	6.2x93x73 mm	6.2x93x73 mm	6.2x93x73 mm
Approximate weight	40 g	29 g	29 g	30g	30g	30g
Mounting information	on rail, side by side	on rail, side by side	on rail, side by side	on rail, side by side	on rail, side by side	on rail, side by side
Approvals	CE, UL	CE, UL	CE, UL	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	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