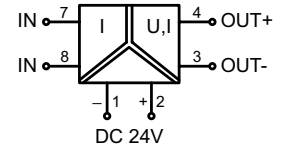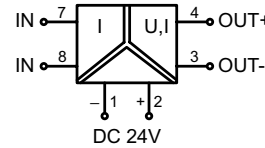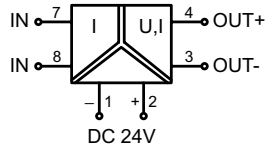# WAA SERIE
CURRENT CONVERTER

cabur

- Input: 0...1 A AC/DC
- Output: 3 selectable ranges
- Insulation: 2.5 kVac, 3-way isolation

NOTE
(1) Do not connect directly to a 400 V line

CODE	X756540	X756541	X756542
TYPE	WAA 7-0540	WAA 7-0541	WAA 7-0542
INPUT TECHNICAL DATA			
Signal type IN	current	current	current
Input range IN	0...1 A AC/DC	0...5 A AC/DC	0...10 A AC/DC
Maximum voltage current signal IN	400 V (1)	400 V (1)	400 V (1)
Input impedance IN	0.06 Ω	0.02 Ω	0.01 Ω
Parametrization IN	DIP switch	DIP switch	DIP switch
OUTPUT TECHNICAL DATA			
Signal type OUT	analogue	analogue	analogue
Output range OUT	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 output signal OUT	21 mA (voltage input)	21 mA (voltage input)	21 mA (voltage input)
Load impedance OUT	>1 kΩ (voltage output) / <400 Ω (current output)	>1 kΩ (voltage output) / <400 Ω (current output)	>1 kΩ (voltage output) / <400 Ω (current output)
Ripple OUT	<5 mV	<5 mV	<5 mV
Status indication OUT	LED	LED	LED
Parametrization OUT	DIP switch	DIP switch	DIP switch
GENERAL TECHNICAL DATA			
Power supply voltage	24 Vdc (16.8...30 Vdc)	24 Vdc (16.8...30 Vdc)	24 Vdc (16.8...30 Vdc)
Current consumption	13 mA	13 mA	13 mA
Accuracy	0.1% FSR (23°C)	0.1% FSR (23°C)	0.1% FSR (23°C)
Linearity error	0.5% FSR (23°C)	0.5% FSR (23°C)	0.5% FSR (23°C)
Temperature coefficient	<150 ppm / K FSR	<150 ppm / K FSR	<150 ppm / K FSR
Setting time	—	—	—
Transmission frequency	—	—	—
Resolution	—	—	—
Rise time	—	—	—
Operating temperature range	-25...+60°C	-25...+60°C	-25...+60°C
Insulation	2.5 kVac / 60 s	2.5 kVac / 60 s	2.5 kVac / 60 s
Insulation type	3-way (IN / OUT1 / power)	3-way (IN / OUT1 / power)	3-way (IN / OUT1 / power)
Standard approvals	—	—	—
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 mm² / 1.5 mm² (screw)	1.5 mm² / 1.5 mm² (screw)	1.5 mm² / 1.5 mm² (screw)
Housing material	UL94V-0 plastic material	UL94V-0 plastic material	UL94V-0 plastic material
Dimensions	6.2x90x115.5 mm	6.2x90x115.5 mm	6.2x90x115.5 mm
Approximate weight	55 g	55 g	55 g
Mounting informations	on a rail, side by side	on a rail, side by side	on a rail, side by side
APPROVALS	CE	CE	CE
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/AS, PR/3/AS, PR/3/AS/ZB
Mounting rail (IEC60715/TH35-15)	—	—	—
Marking tag	—	—	—
Plugin jumper red	CWBK 7-0802 (code X766802)	CWBK 7-0802 (code X766802)	CWBK 7-0802 (code X766802)
Plugin jumper white	CWBK 7-0803 (code X766803)	CWBK 7-0803 (code X766803)	CWBK 7-0803 (code X766803)
Plugin jumper blue	CWBK 7-0804 (code X766804)	CWBK 7-0804 (code X766804)	CWBK 7-0804 (code X766804)
Programming kit	—	—	—