



Frequency  
converter 21 range/ output 0–10V,0–20mA,4–20mA

<b>Series</b>	CW
<b>Code</b>	X756524
<b>Type</b>	CWNFA6-0524
<b>HS code</b>	85043129
<b>INPUT TECHNICAL DATA</b>	
<b>Signal type IN</b>	frequency
<b>Input range IN</b>	0...28.8 kHz (AC/DC 0.8...30 Vpp)
<b>Input impedance IN</b>	50 kΩ
<b>Parametrization IN</b>	DIP switch
<b>OUTPUT TECHNICAL DATA</b>	
<b>Signal type OUT</b>	analogue
<b>Output range OUT</b>	0...10 V, (max. 10.6 V) 0...20 / 4...20 mA, (max 21 mA)
<b>Maximum output signal OUT</b>	21 mA (voltage input)
<b>Load impedance OUT</b>	>1 kΩ (voltage output) / 400 Ω (current output)
<b>Ripple</b>	<5 mV
<b>Status indication</b>	LED
<b>Parametrization OUT</b>	DIP switch
<b>GENERAL TECHNICAL DATA</b>	
<b>Power supply voltage</b>	24 Vac/dc (16.8...30 Vdc / 19.2...28.8 Vac)
<b>Current consumption</b>	20 mA
<b>Accuracy</b>	0.1% FSR (23°C)
<b>Linearity error</b>	0.02%
<b>Temperature coefficient</b>	<70 ppm/K
<b>Setting time</b>	200 ms
<b>Operating temperature range</b>	-25...+60°C
<b>Insulation</b>	2.5 kVac / 60 s
<b>Insulation type</b>	3-way (IN / OUT / power)
<b>Overvoltage category / pollution degree</b>	II / 2
<b>Protection degree</b>	IP 20
<b>Connection terminal IN / OUT</b>	2.5 mm <sup>2</sup> / 2.5 mm <sup>2</sup> (screw)
<b>Housing material</b>	UL94V-0 plastic material
<b>Dimensions (LxHxD)</b>	17.5x79x84 mm
<b>Approximate weight</b>	70 g
<b>Mounting information</b>	on a rail, side by side
<b>ACCESSORIES</b>	
<b>Mounting rail (IEC60715/TH35-7.5)</b>	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
<b>Marking tag</b>	TAP207A_
<b>APPROVALS AND MARKINGS</b>	CE,



\* Input: 21 selectable ranges of frequency signal\* Output: 3 selectable ranges\* Insulation: 2.5 kVac, 3-way isolation

## DESCRIZIONE DEL PRODOTTO

CWNFA6-0524 Frequency converter 21 range/ output  
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