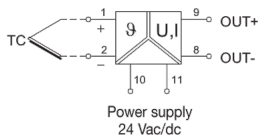
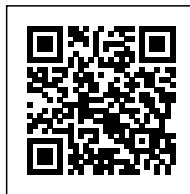


Converter for thermocouples / output 0–10V,0–20mA,4–20mA



Series	CW
Code	X756844
Type	CWTH6-0844
HS code	85043129
INPUT TECHNICAL DATA	
Signal type IN	thermocouple (J / K)
Input range IN	8 programmable ranges (see tab. 1)
Parametrization IN	DIP switch
OUTPUT TECHNICAL DATA	
Signal type OUT	analogue
Output range OUT	0..10 V / 0..20 mA / 4..20 mA
Maximum output signal OUT	21 mA (voltage input)
Load impedance OUT	>1 kΩ (voltage output) / < 400 Ω (current output)
Ripple	<5 mV
Status indication	LED
Parametrization OUT	DIP switch
GENERAL TECHNICAL DATA	
Power supply voltage	24 Vac/dc (16.8...30 Vdc / 19.2...28.8 Vac)
Current consumption	10 mA
Accuracy	0.5% FSR
Linearity error	0.1% FSR
Temperature coefficient	<150 ppm / K FSR
Transmission frequency	10 Hz
Rise time	30 ms
Operating temperature range	-25...+60°C
Insulation	4 kVac / 60 s
Insulation type	3-way (IN / OUT / power)
Standard approvals	IEC 664-1, DIN VDE
EMC Standard	EN 50081-2, EN 50082-2
Overvoltage category / pollution degree	II / 2
Protection degree	IP 20
Connection terminal IN / OUT	2.5 mm ² / 2.5 mm ² (screw)
Housing material	UL94V-0 plastic material
Dimensions (LxHxD)	17.5x79x84 mm
Approximate weight	70 g
Mounting information	on a rail, side by side
ACCESSORIES	
Mounting rail (IEC60715/TH35-7.5)	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
Marking tag	TAP207A_
APPROVALS AND MARKINGS	
	CE,



- * Input: thermocouple (J / K)
- * Output: 3 selectable ranges
- * Insulation: 4.0 kVac, 3-way isolation

PRODUCT DESCRIPTION

CWTH6-0844 Converter for thermocouples / output
0–10V,0–20mA,4–20mA