

Technical specifications	C.A 742 / C.A 742 IP2X	C.A 762 / C.A 762 IP2X
Voltage detection		
Voltage	12 V ≤ U ≤ 690 V _{AC} 12 V ≤ U ≤ 750 V _{DC}	
Frequency	DC, 16 2/3 Hz to 800 Hz	
Input impedance	> 300 kΩ	> 400 kΩ
Max. peak current	3.5 mA _{RMS}	
Polarity indication	Yes	
Hazardous voltage indication	The red ELV (Extra Low Voltage) LED indicates that the voltage is higher than the SELV (Safety Extra Low Voltage) and the faster it flashes, the higher the voltage present.	
Phase / Neutral identification		
	Above 50 V (45 Hz - 65 Hz) Above 150 V (16 2/3 - 45 Hz)	
Continuity with buzzer		
Trigger threshold	100 Ω typical (150 Ω max.)	
Extended continuity test	-	2 kΩ, 60 kΩ, 300 kΩ
Test current	≤ 1 mA	
Open-circuit voltage	≤ 3.3 V	
Protection	up to 1,000 V	
Phase rotation		
	No	2-wire method
Ph/Ph voltage	-	50 V ≤ U ≤ 690 V _{AC}
Frequency	-	45 Hz to 400 Hz
Buzzer		
	Intermittent beep for voltage detection and continuous beep for continuity	
Standards and electrical safety		
	IEC 61010 600 V CAT IV	
	IEC 61243-3 concerning Voltage Detectors/ Voltage Absence Testers (VATs) (DDT/VAT)	
	IEC 61326-1, emission and immunity in industrial environments	
Enclosure protection		
	Casing: IP65 Test probes (depending on reference and option): IP2X	
Climatic conditions		
	Use from -15 °C to +45 °C / 20 %RH to 95 %RH	
Power supply		
	2 x 1.5 V (AAA and LR3)	
Battery life	7,500 x 10 s measurements	7,000 x 10 s measurements
Dimensions /weight		
	163 x 64 x 40 mm / 210 g	