

## Category IV for greater safety



## Compact TRMS digital multimeters



- AC/DC current up to 10 A or 600 A with a current clamp giving direct readings
- High sensitivity with a resolution of 0.01 mV
- Their protection enables them to withstand overloads up to 8,000 V
- $V_{LowZ}$  function to avoid the problem of disturbance voltages

IEC 61010  
**600 V  
CAT IV**

IEC 61010  
**1,000 V  
CAT III**

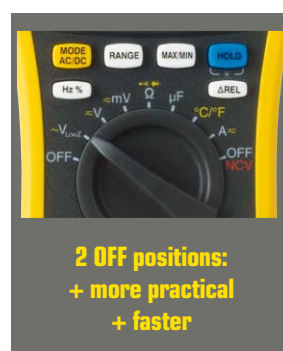
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The **C.A 5231** and **C.A 5233** multimeters are ideal for the needs of electrical installers, self-employed electricians and heating or air-conditioning specialists.

Compact and simple, they are exceptionally easy to read thanks to their large backlit display including a bargraph. Their built-in shockproof protection also makes them rugged instruments.

## TECHNICAL SPECIFICATIONS

|                                               | C.A 5231                                                  | C.A 5233                                                              |
|-----------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------|
| Display                                       | 6,000-count backlit display + 61-segment bargraph         |                                                                       |
| Acquisition                                   | True RMS                                                  |                                                                       |
| Autorange or manual                           | Yes                                                       |                                                                       |
| Bandwidth                                     | 3 kHz [V] / 1 kHz [A]                                     |                                                                       |
| Best accuracy                                 | 0.2 %                                                     |                                                                       |
| AC voltage                                    | 6 calibres - 1,000 V - Resolution: 0.01 mV                | 6 calibres - 600 V - Resolution: 0.01 mV                              |
| AC LowZ voltage                               | 4 calibres - 1,000 V - Resolution: 0.001 V                | 4 calibres - 600 V - Resolution: 0.001 V                              |
| DC voltage                                    | 6 calibres - 1,000 V - Resolution: 0.01 mV                | 6 calibres - 600 V - Resolution: 0.01 mV                              |
| AC current / DC current                       | With 1 mV/A clamp: 1 calibre - 600 A<br>Resolution: 0.1 A | 2 calibres - 10 A<br>Resolution: 0.001 A                              |
| Resistance measurement                        | 6 calibres - 60 MΩ - Resolution: 0.1 Ω                    |                                                                       |
| Audible continuity / Diode test               | Yes / Yes                                                 |                                                                       |
| Frequency / Duty ratio                        |                                                           | 3 calibres: up to 3 kHz / Yes                                         |
| Capacitance                                   | 6 calibres - 1,000 μF - Resolution: 0.01 nF               |                                                                       |
| Temperature<br>(with external K thermocouple) |                                                           | 1 calibre<br>-20 °C to +760 °C / -4 °F to +1,400 °F<br>Resolution: 1° |
| No-contact voltage detection (NCV)            | Yes                                                       |                                                                       |
| Display Hold function                         | Yes                                                       |                                                                       |
| Relative mode                                 |                                                           | Yes                                                                   |
| Min-Max                                       |                                                           | Yes                                                                   |
| Power supply                                  | 9 V alkaline battery (6LF22)                              |                                                                       |
| Leakproofing                                  | IP54                                                      |                                                                       |
| Dimensions                                    | 155 x 75 x 75 mm                                          |                                                                       |
| Weight                                        | 320 g                                                     |                                                                       |
| Electrical safety (IEC 61010)                 | 600 V CAT IV / 1,000 V CAT III                            | 600 V CAT IV / 600 V CAT III                                          |



## TO ORDER:

- C.A 5231:**  
delivered with 2 measurement leads equipped with test probes,  
a 9 V alkaline battery and an operating manual  
in 5 languages .....> P01196731
- C.A 5233:**  
same as the C.A 5231 with temperature sensor  
and adapter .....> P01196733
- C.A 5231+MINI03:**  
C.A 5231 delivered with MINI 03  
current clamp (100 A AC) .....> P01196734

## ACCESSORIES

- C.A 1871 infrared probe for multimeter .....> P01651610Z  
C.A 801 single-channel temperature adapter .....> P01652401Z  
C.A 803 two-channel temperature adapter  
with differential measurement .....> P01652411Z  
Multi-position DMM mounting accessory .....> P01102100Z

### For the C.A 5233

- CMI214S current measurement lead .....> P03295509  
Adapter for K thermocouple  
(delivered 1 wire thermocouple) .....> P06239306  
HRC fuse, 6 x 32, 10 A 600 V 50 kA .....> AT0084

### For the C.A 5231

- 100 A 1,000/1 AC current clamp MINI03 model .....> P01105103Z  
600 A AC/DC current clamp PAC10 model .....> P01120070



For assistance and ordering

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