





Thorne & Derrick +44 (0) 191 410 4292

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Detex[⋆] MS-918-L



IEC 61243-3:2015 EN 50110-1 会

Voltage LED display. for 24 to 900 V AC (1000 DC).

Multifunctional LED 12 V / + range 12 V / - range.

Phase identification light (unipolar).



Phase rotation detection check

Hazardous voltage light (> 50 V). Information is displayed even if batteries are discharged.



Probes.



M-952325



Lighting lamp at the measuring point.

BENEFITS

MS-918-L

- Lighting unit.
- Phase rotation detection check (two-wire method).
- Voltage light for 12 to 900 V AC (1000 DC).

Accessories in option

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Reference	Characteristics							
M-87285	Carrying bag with belt loop							
M-952325	Board hanger							
M-762118	Ergonomic adapter							



M-87285



Ergonomic adapter.

Reference	12	\sim	Ω	(IV	P	Î	6	Ĥ		g
	Voltage	Hz	Continuity	Protection	Class	Category IV	T°C	2 AAA batteries	Rotary Field	Suitable for standard 2P+T.	Lighting unit	Weight
MS-918-L*	12 - 900 V AC 12 - 1 000 V DC	50/60 +/- 10 %	100 Ω	IP65 IK06	II	600 V	Use: -15 °C to +45 °C (class N)	1,5 V	•	19 mm	•	210

^{*} Supplied without accessories.





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AC & DC LOW VOLTAGE DUAL POLE TYPE MS-918-L

The versatile MS-918-L provides operator with voltage detection (compliant with IEC 61243-3:2014) and additional functions such as continuity, phase rotation and phase detection.

Fitted with safety probes, the MS-918-L covers a wide voltage range from 12 to 900 V AC and 12 to 1 000 V DC.



1 Robust and ergonomic.
With a protection (IP65) and a good impact resistance (IK06) the MS-918-L range is suitable for all environment.

Wide range of use. Voltage detector from 12 to 900 V AC and 1000 V DC – CAT IV 600 V and CAT III-1000V.

3 Self-test function. Enables full verification of the adequate unit functioning (batteries, cords, electronics).

4 LED display.



DETEX™ 917-L AND 918-L VOLTAGE DETECTORS AND TESTERS

The DetexTM MS-917-L and 918-L are compliant with the IEC 61243-3 standard, in response to the requirements of the EN 50110-1 European standard.

Optical and acoustic signalling, suitable for indoor/ outdoor use. It enables to detect presence of voltage and:

- Checks voltage levels from 12 to 690 V AC, 750 V DC (MS 917-L) and from 12 to 900 V AC, 1 000 V DC (MS-918-L).
- Sound and light continuity for a non-live circuit (threshold of 200 Ω for MS-917-L and 100 Ω for MS-918-L),
- Unipolar phase identification,
- Search for the polarities of a DC circuit,
- Phase rotation by the two-wire method only for MS-918-L.

1 m long double-insulated flexible cords.



The configuration with both test lead points mounted on the detector allows for a 19 mm gap to reflect the standardized EU power sockets.

PRO

IEC 61243-3:2015 EN 50110-1

Detex*+



BENEFITS

MS 917-L

- Test-lead points. Point Ø 2 mm and 19 mm lengths for socket contact.
- Hazardous voltage indicator light (> 50 V).
- Phase identification light (unipolar).
- Self test button.
- Completely compatible with the following socket types : C, D, E, F, K, N.



Reference	7	<	C P			IV		Î	Ĥ	ĝ
	Voltage	Hz	Continuity	Protection	Class	Category IV	T°C	2 AAA batteries	Suitable for standard 2P+T.	Weight
MS-917-L*	12-690 V AC 12 -750 V DC	50/60 +/- 10 %	200 Ω	IP65 IK06	II	600 V	Use: -15 °C to +45 °C (class N)	1.5 V	19 mm	210

^{*} Supplied without accessories.







DETEX™ MS-920-EX VOLTAGE DETECTOR **AND TESTER**

The Detex[™] MS-920-EX is designed based on IEC 61243-3 standard, in response to the requirements of the EN 50110-1 European standard.

Sound and lighting equipment, suitable for indoor/ outdoor use. It enables to detect absence of voltage and:

- Check of voltage levels > 50 V DC and AC,
- Up to 690 V AC and 950 DC,
- Continuity sound control for a non-live circuit ($< 100 \Omega$),
- Unipolar identification of the phase,
- Search for the polarities of a DC circuit,
- Rotary field by the two-wire method.
- Resolution: 1 V - Precision: ± 5 %



IEC 61243-3:2015 \diamondsuit EN 50110-1 Detex***** →

MS-920-EX

CE

















BENEFITS • Test-lead points according to IEC 61010-031 Point Ø 2 mm and

- 19 mm lengths for socket contact. • Three digit colour LCD screen display.
- Test button.
- Hazardous voltage indicator light when voltage > 50 V.
- Completely compatible with socket types: C, D, E, F, K, N.
- Lighting unit.



The configuration with both test lead points mounted on the detector housing allows for a 19 mm gap between points, enabling the simultaneous double contact for standardized sockets (2P+T, 10/16 A).

CONTACT PROBES FOR L.V. TESTER

Light and rigid contact probes for Detex™: MS-917-L, MS-918-L and MS-920-EX. Contact probes to be used as suspension hooks (MS-8014). Round tip contact (MS-8013).

Reference	←	kg								
	Length (cm)	Weight								
For installations and sidewalk boxes										
MS-8013	50	0.40								
For overhead lines										
MS-8014 125 0.75										
Delivered in storage bag 50 x 150 x 550 mm.										



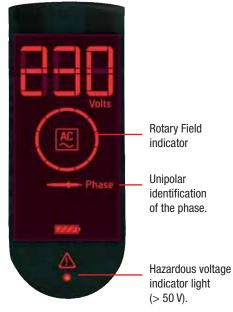


of test probe.





Example of 24 V DC detection, display is **BLUE** because < 50 V.



Example of detecting 230 V AC, displayed in RED.



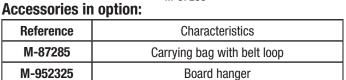
M-952325 Board hanger provided on the back of the device.





Lighting lamp at the measuring point.

M-87285







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Reference	Voltage	Hz	Continuity $< 100 \Omega$	Protection	Class	Category IV	T°C	Display	2 AAA batteries	Rotary Field	Suitable for standard 2P+T.	Lighting unit	Weight
MS-920-EX*	12-690 V AC 12-950 V DC	50-60	200	IP65 IK06	II	600 V	Use: -15 °C to +55 °C (class N)	3 digits	1,5 V	•	19 mm	•	210