

Product Datasheet - Technical Specifications



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Options and Accessories for Sefelec 5x

To advantageously complement your SEFELEC 5x range equipment, you will find below the options and accessories as well as their compatibility with the different tester models: 32-C, 1500-M, 1000-M, 56-H, 506-H, 56-D, 506-D, 56-S, 506-S.

Options	Functions / Description	SUITABLE FOR	32-C	1500-M	1000-M	56-H	506-H	56-D	506-D	56-S	506-S
SEFO-5XREAR	Measurement connections set at the rear of the device		✓	✓	✓	✓	✓	✓	✓	✓	✓
SEFO-IEEE488	IEEE488/GPIB Interface, replaces native RS232 interface		✓	✓	✓	✓	✓	✓	✓	✓	✓
SEFO-5XRC	Remote control module, 3 inputs for high-voltage / high current / auxiliaries accessories		✓	✗	✓	✓	✓	✓	✓	✓	✓
SEFO-5X3MA	Leakage current limitation at 3mA for hipot or insulation tests		✗	✓	N/A (1)	✓	✗ (2)	✓	✗ (2)	✓	✗ (2)
SEFO-5X2TO (3)	Insulation measurement range up to 2 TΩ (3)		✗	✗	✓	✗	✗	✓	✓	✓	✓
SEFO-5X50A	Earth bond test at up to 50A / 8V		✓	✗	✗	✗	✗	✗	✗	✓	✓
SEFO-5X4WHV	DUT 4 wires detection (hipot)		✗	✗	✗	✓	✓	✗	✗	✓	✓
SEFO-5X4WIHV	DUT 4 wires detection (hipot for tester with insulation test also)		✗	✗	✗	✗	✗	✓	✓	✓	✓
SEFM-4IHV	Scanner module 4 channels high-voltage 5kVAC/6kVDC (set at the rear of the SEFELEC 5x as standard)		✗	✗	✓	✓	✓	✓	✓	✓	✓
SEFM-8IHV	Scanner module 8 channels high-voltage 5kVAC/6kVDC		✗	✗	✓	✓	✓	✓	✓	✓	✓
SEFM-4IHC	Scanner module 4 channels high current 32A		✓	✗	✗	✗	✗	✗	✗	✓	✓
SEFM-8IHC	Scanner module 8 channels high current 32A		✓	✗	✗	✗	✗	✗	✗	✓	✓
SEFM-4IHVHC	Scanner module mixed 4+4 channels high voltage / high current		✗	✗	✗	✗	✗	✗	✗	✓	✓
SEFO-5XFRONT	Installation of scanner module on the front of the tester		✓	✗	✓	✓	✓	✓	✓	✓	✓

✓ Compatible

✗ Not compatible

(1) Measurement current on SEFELEC 1000-M is 2mA max.

(2) Choose 50VA models (56-H, 56-D ou 56-S)

(3) Not compatible with internal scanner option

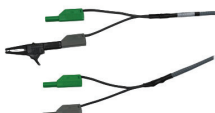
Accessories		Function / Description	SUITABLE FOR	32-C	1500-M	1000-M	56-H	506-H	56-D	506-D	56-S	506-S	SEFO-5XRC	SEFO-5X50A
SEFA-CO175-02 SEFA-CO175-05 SEFA-CO175-10		Hipot and insulation measurement return lead. Length 2m, 5m or 10m.	INSULATION and HIPOT	×	×	✓	✓	✓	✓	✓	✓	✓	-	-
SEFA-CO180-02 SEFA-CO180-05 SEFA-CO180-10		Hipot and insulation measurement lead, without probe and with free termination, for integration in test benches or DUT adaptors. Lead length 2m, 5m or 10m.		×	×	×	✓	✓	✓	✓	✓	✓	-	-
SEFA-TE65-02 SEFA-TE65-05 SEFA-TE65-10		High voltage probe for hipot or insulation tests, with retractable protection. Lead length 2m, 5m or 10m.		×	×	×	✓	✓	✓	✓	✓	✓	-	-
SEFA-P5X-HRC-02 SEFA-P5X-HRC-05 SEFA-P5X-HRC-10		High voltage pistol for hipot or insulation tests, with retractable protection and remote control. Lead length 2m, 5m or 10m.	INSULATION	×	×	×	✓	✓	✓	✓	✓	✓	i	-
SEFA-P5X-RT-02 SEFA-P5X-RT-05 SEFA-P5X-RT-10		High voltage pistol for hipot or insulation measurement return, with retractable protection. Lead length 2m, 5m or 10m.		×	×	✓	✓	✓	✓	✓	✓	✓	-	-
SEFA-P5X-MRC-02		High voltage pistol for insulation tests, with retractable protection and remote control. Lead length 2m.		×	×	✓	×	×	×	×	×	×	i	-
SEFA-5XGUARD		Guard connection lead, 4mm/4mm M/F connectors, with alligator clips 1kV 20A. Lead length 2m..		×	×	✓	✓	✓	✓	✓	✓	✓	-	-
SEFA-FTHVSE15-02 SEFA-FTHVSE15-05 SEFA-FTHVSE15-10		High voltage leads set for insulation measurement, without probe, 4mm connectors and free termination. 1500VDC max. Lead length 2m, 5m or 10m.	INSULATION	×	✓	×	×	×	×	×	×	×	-	-
SEFA-HV15-02 SEFA-HV15-05 SEFA-HV15-10		High voltage lead for insulation measurement @ 1500VDC max., 4mm connector Lead length 2m, 5m or 10m.		×	✓	×	×	×	×	×	×	×	-	-
SEFA-SE15 SEFA-SE15-5 SEFA-SE15-10		Shielded high voltage probe for high value insulation measurement up to 2000TΩ. @ 1500VDC max. Lead length 2m, 5m or 10m.		×	✓	✓	×	×	×	×	×	×	-	-
SEFA-FTHV15-02 SEFA-FTHV15-05 SEFA-FTHV15-10		High voltage lead for insulation measurement, without probe, 4mm connectors and free termination. Lead length 2m, 5m or 10m.		×	✓	✓	×	×	×	×	×	×	-	-
SEFA-RE15		Set of two leads for the connection of the SEFELEC 1500-M to the REMA stanard resistors.		×	✓	×	×	×	×	×	×	×	-	-
SEFA-SRE24		Insulation measurement sensor (surface) with guard.		×	✓	×	×	×	×	×	×	×	-	-

✓ Compatible

✗ Non-compatible

i Option indispensable avec cet accessoire

- sans objet

Accessories		Function / Description	SUITABLE FOR	32-C	1500-M	1000-M	56-H	506-H	56-D	506-D	56-S	506-S	SEFO-5XRC	SEFO-5X50A
SEFA-AD5X-M10		Adaptor to connect high voltage accessories of MXS500 and MXS1000 to SEFELEC 1000-M	INSULATION and HIPOT	×	×	✓	×	×	×	×	×	×	-	-
SEFA-AD5X-M15		Adaptor to connect high voltage accessories of M1500/M1501 to SEFELEC 1500-M		×	✓	×	×	×	×	×	×	×	-	-
SEFA-AD5X-XS		Adaptor to connect high voltage accessories of XS series to 5X series testers		×	×	×	✓	✓	✓	✓	✓	✓	-	-
SEFA-TE81-3202 SEFA-TE81-3205 SEFA-TE81-3210		32A earth bond test probe, 2 wires, remote control and godd/bad light signal. Can be ordered with SEFA-CO183-32xx. Lead length 2m, 5m or 10m.	EARTH BOND TEST	✓	×	×	×	×	×	×	✓	✓	i	×
SEFA-CO183-3202 SEFA-CO183-3205 SEFA-CO183-3210		Continuity measurement leads 2 wires, 32A, set of 2 cables 4mm/4mm M/M and one alligator clip. Lead length 2m, 5m or 10m.		✓	×	×	×	×	×	×	✓	✓	-	×
SEFA-TE81-5002 SEFA-TE81-5005 SEFA-TE81-5010		50A earth bond test probe, 2 wires, remote control and godd/bad light signal. Can be ordered with SEFA-CO183-50xx. Lead length 2m, 5m or 10m.		✓	×	×	×	×	×	×	✓	✓	i	i
SEFA-CO183-5002 SEFA-CO183-5005 SEFA-CO183-5010		Continuity measurement leads 2 wires, 50A, set of 2 cables 4mm/8mm M/M and one large size alligator clip. Lead length 2m, 5m or 10m.		✓	×	×	×	×	×	×	✓	✓	-	i
SEFA-CO184-3202 SEFA-CO184-3205 SEFA-CO184-3210		Continuity measurement probe 2 wires with retractable concentric tips. Lead length 2m, 5m or 10m.	INSULATION - HIPOT - EARTH BOND TEST	✓	×	×	×	×	×	×	✓	✓	-	×
SEFA-CO174HV		Test box with French mains domestic socket for hipot, insulation and earth bon tests. Max. voltage 5kVAC-6kVDC. Max. current 32A.		✓	×	✓	✓	✓	✓	✓	✓	✓	-	-
SEFA-CO200		Test box with Shuko/Euro mains domestic socket for hipot, insulation and earth bon tests. Max. voltage 1500VAC-2000VDC. Max. current 32A.		✓	×	✓	✓	✓	✓	✓	✓	✓	-	-
SEFA-CO200HV		Test box with Shuko/Euro mains domestic socket for hipot, insulation and earth bon tests. Max. voltage 5kVAC-6kVDC. Max. current 32A.	SAFETY	✓	×	✓	✓	✓	✓	✓	✓	✓	-	-
SEFA-AO10		Two-hands test start set.		✓	✓	✓	✓	✓	✓	✓	✓	✓	i	-
SEFA-AO11		Test start pedal.		✓	✓	✓	✓	✓	✓	✓	✓	✓	i	-

✓ Compatible

✗ Not compatible

i Mandatory Option with this accessory

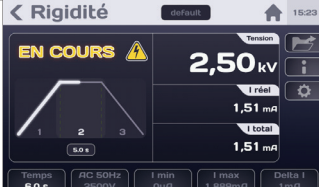
- not applicable

Accessories		Functions / Description	SUITABLE FOR	32-C	1500-M	1000-M	56-H	506-H	56-D	506-D	56-S	506-S	SEFO-5XRC	SEFO-5X50A
SEFA-5XLIGHTS		Magnetic Red/Green safety lamp, vertical, for warning of the presence of high voltage in a test area. Delivered with 5m cable and C5 connector.	SAFETY	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-
SEFA-CO160		Free standing Red/Green safety lamp, for warning of the presence of high voltage in a test area. Delivered with 5m cable and C5 connector.		✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-
SEFA-KR		19" rack mounting kit (side brackets)	MOUNTING	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-
SEFA-5XCASE		Transport case for 5x testers. External shell in ABS and foam adapted to the dimensions of the device. Can contain a tester and its standard accessory box.	TRANSPORT	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-

✓ Compatible
 - Not applicable

Sefelec 5x series choice guide



Required test		Measurement range	32-C	1500-M	1000-M	56-H	506-H	56-D	506-D	56-S	506-S	SEFO-5X2TO	SEFO-5X50A
	HIPOT	5kVAC / 50VA - 6kVdc	-	-	-	✓	-	✓	-	✓	-	-	-
		5kVAC / 500VA - 6kVdc	-	-	-	-	✓	-	✓	-	✓	-	-
	INSULATION	Up to 200 GΩ under 1000 Vdc	-	✓	✓	-	-	✓	✓	✓	✓	-	-
		Up to 2 TΩ under 1000 Vdc	-	✓	✓	-	-	✓	✓	✓	✓	*	-
		Up to 2000 TΩ under 1500Vdc	-	✓	-	-	-	-	-	-	-	-	-
	EARTH BOND	0 - 1Ω under 32A - 6VAC	✓	-	-	-	-	-	-	✓	✓	-	-
		0 - 1Ω under 50A - 8VAC	✓	-	-	-	-	-	-	✓	✓	-	i

✓ Compatible
 i Mandatory Option
 - not applicable

* Not applicable for the SEFELEC 1500-M, its measurement range is wider as standard

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