



Vebko Amirkabir Co.

**AMT 105
205**



Relaisprüfgerät AMT

Inhaltverzeichnis

- ▶ Geschichte von Vebko Amirkabir
- ▶ Fähigkeiten des AMT Relaisprüfgeräts
- ▶ Kurze Liste der Spezifikationen
- ▶ Liste der Kunden
- ▶ Zertifikate, Zeugnisse und Anbieterliste des iranischen Erdölministeriums
- ▶ Kontaktinformationen

Geschichte von Vebko Amirkabir

Vebko ist ein wissenschaftsbasiertes Unternehmen, das 2014 im Auftrag des wissenschaftlichen und technologischen Vizepräsidenten des Iran samt Der Herstellung eines nationalen Relaisprüfgeräts unter der Aufsicht der Technischen Universität Amirkabir stand. Das erste Industrieprodukt dieses Unternehmens kam 2015 und soweit, 850 Relais-Testgeräte an wichtige Industriezentren von Strom, Öl und Gas sowie an einige Universitäten verkauft

AMT105 ist eine universelle Lösung zur Prüfung aller Arten von Relais und Schutzausrüstungen, Leistungsschaltern, Wärmekabeln und Sensoren sowie Strom-, Strom-, Spannungs- und Kondensatorspannungstransformatoren. Aufgrund dieser Eigenschaften ist dieses Gerät in der Lage, verschiedene Arten von Relais und Schutzausrüstung zu testen:

AMT 205 Sechs 32A-Stromquellen (64A im Dreiphasenmodus, in weniger als 300 Millisekunden entsteht ein Drehstrom von 70 A und ein Einphasenstrom von 200 A.

6, 300 V Spannungsquellen (1200 Vin im Einphasenbetrieb), Strom- und Spannungskombinationskabel, 8 analoge Binäreingänge, 2 analoge Strom- und Spannungseingänge mit hoher Genauigkeit, 4 Binärausgänge, Gleichspannungsquelle (420 V).

AMT 105 Sechs 32A-Stromquellen (64A im Dreiphasenmodus, 4, 150 V Spannungsquellen (450 Vin im Einphasenbetrieb), Strom- und Spannungskombinationskabel, 8 analoge Binäreingänge, 2 analoge Strom- und Spannungseingänge mit hoher Genauigkeit, 4 Binärausgänge, Gleichspannungsquelle (212 V).

Zertifikate und Zeugnisse

Zertifiziert durch

- ▶ Iran Power Grid Management
- ▶ Tavanir Co.
- ▶ Niroo Reaearch institute
- ▶ IMIDRO
- ▶ Thermal Power Plants Holding
- ▶ Sanjesh koosha



Zertifikat über die Kalibrierung und Zertifizierung von Vebko Community

AVL Liste

- ▶ Khorasan Steel Complex Co.
- ▶ Khozestan Oxin Steel Co.
- ▶ Marun Petrochemical Co.
- ▶ Khouzestan Steel Co.
- ▶ Hormozgan Steel Co.
- ▶ Pasdargad Oil Co.
- ▶ Qom Combined Cycle Co.
- ▶ Pars Oil and Gas Co.
- ▶ National Iranian Copper Industry Co.
- ▶ Provider Members of Niroo Research Institute
- ▶ Petroleum Vendor List Iranian
- ▶ Khorasan Petrochemical Co.
- ▶ Zarand Iranian Steel Co.

Relaisprüfgerät AMT

Fähigkeiten des AMT

Software-Spezifikationen

1. Fähigkeit zur Prüfung einer Vielzahl von statischen, elektromechanischen und numerischen Relais
2. Kann alle X Rio- und Rio-Dateien lesen, bearbeiten und erstellen
3. Fähigkeit zur transienten Prüfung
4. Fähigkeit zur Punkt-zu-Punkt- oder Ende-zu-Ende-Prüfung
5. Eingebautes GPS und Wi-Fi
6. Tests automatisch durchführen
7. Umfassenden Prüfdokumente der Prüfungen
8. Automatisches Ausfüllen der Prüfbögen verschiedener Unternehmen
9. Kompatibel mit Windows XP, 7, 8, 10, 11
10. Unterstützt Android- und iOS-Betriebssysteme
11. Optionen für automatisches Speichern, Wiederherstellen und Rückgängigmachen
12. Handbuch HTML-Datei in Persisch, Englisch, Deutsch und Spanisch
13. Verwenden der Bootloader-Technologie zum Aktualisieren der Firmware
14. Eine Vielzahl von Lehrvideos

Fähigkeit zur Prüfung von Leistungstransformatoren

1. Wicklungswiderstand
2. Leerlaufstrom
3. Magnetisches Gleichgewicht
4. Durchgang des Stufenschalters
5. Verhältnis
6. Schaltgruppe
7. Entmagnetisierung
8. Streureaktanz

Fähigkeit zur Prüfung von Stromwandlern (CT)

1. Anregung (Sättigung)
2. Hysteresekurve
3. Verhältnis mit Strom oder Spannung
4. Polarität mit Strom oder Spannung
5. Phasenfehler
6. Wicklungswiderstand
7. Sekundäre Belastung

Fähigkeit zur Prüfung von Wandlern und Messgeräten

1. Hochpräzise Prüfung von Messgeräten und Wandlern
2. Ausgestattet mit einem Impulszähler zum automatischen Ablesen der Energie

Fähigkeit zur Prüfung VT/CVT

1. Polaritätsprüfung
2. Wicklungswiderstand
3. Kurzschlussimpedanz
4. Anregung

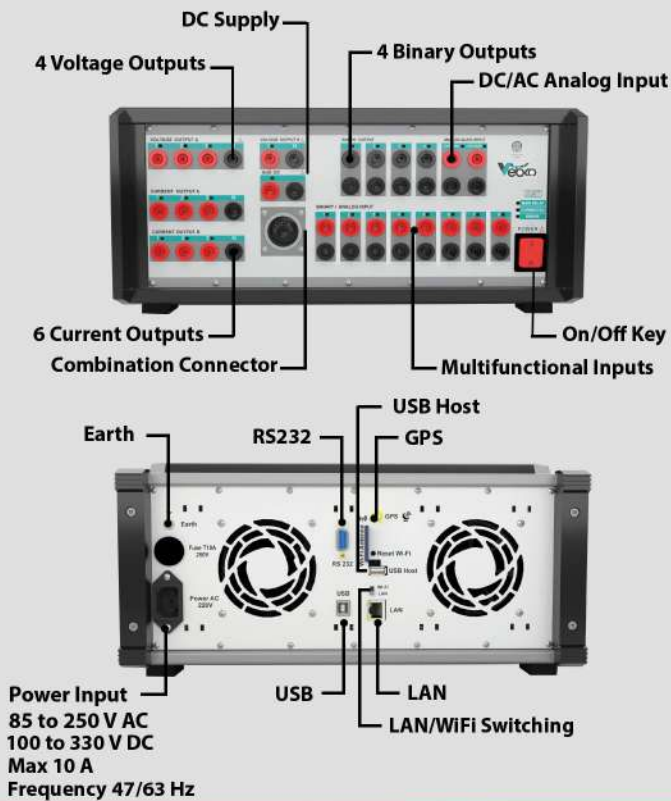
Fähigkeit zur Prüfung von Schutzschalter (CB) und Trennschalter

1. Prüfen der Öffnungs- und Schließzeit
2. Kontaktwiderstandsmessung
3. Mindestprüfspannung

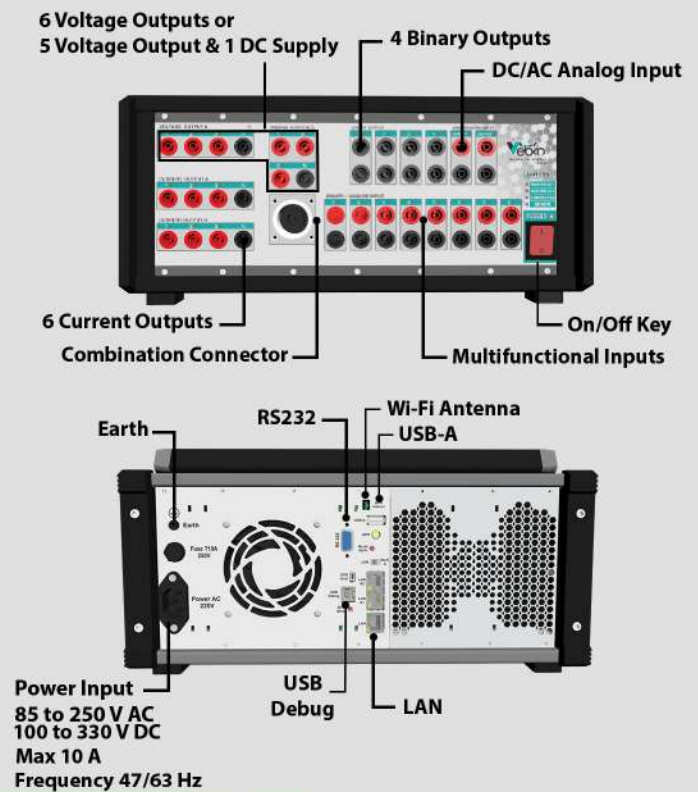
Relaisprüfgerät AMT

Hardware-Funktionen des testers

AMT105



AMT205



Eine Zusammenfassung der elektrischen und physikalischen Eigenschaften des Geräts

Power Supply AMT105

Power supply range	85-250 VAC or 100-330VDC
Input frequency range	0-100 Hz
Consumption	up to 2 KVA
Nominal current	3 A at 230 VAC
Connection	According to IEC60320

High Voltage, Low Current Generators AMT105

Voltage	4 Phase (L-N)	AC: 4 X 0 ... 150 V DC: 4 X 0 ... 210 V
	Series and parallel	Yes
	Resolution	400 μ V
	Accuracy	0.2% or 20 mV

Current

No

Power Supply AMT205

Power supply range	85-250 VAC or 100-330VDC
Input frequency range	0-100 Hz
Consumption	up to 3 KVA
Nominal current	3 A at 230 VAC
Connection	According to IEC60320

High Voltage, Low Current Generators AMT205

Voltage	6 Phase (L-N)	AC: 6 X 0 ... 300 V DC: 6 X 0 ... 420 V
	Series and parallel	Yes
	Resolution	800 μ V
	Accuracy	0.2% or 20 mV

Current

Normal Mode	6 Phase (L-N)	AC: 6 X 0 ... 0.35 A DC: 6 X 0 ... 0.5 A
	Series and parallel	Yes
Internal Booster Mode time < 200ms	Resolution	1 μ A
	Accuracy	0.2% or 25 μ A
	6 Phase (L-N)	AC: 6 X 0 ... 1 A DC: 6 X 0 ... 1.5 A
	Series and parallel	Yes
Resolution	16 μ A	
Accuracy	0.2% or 100 μ A	

Relaisprüfgerät AMT

(Continue)
High Voltage, Low Current Generators
AMT105

Phase	Range	0 to 360
	Resolution	0.001
	Accuracy	0.1
Frequency	Range	0 ... 10 kHz
	Resolution	1 μ Hz
	Accuracy	0.1 ppm

Harmonic Injection	Enter Harmonic	Yes	2 Free Harmonic
	Harmonic Order	No	
Recording	Sampling Rate	1.2 ms	
	Variable	Currents and Voltages	
Protection	Detection	Power according to power curves	
	Type	No	
Connection Banana Sockets		4 mm (0.16 in) banana sockets	
Connection Combination Socket		Group A	
LED		Green (1 Color)	

(Continue)
High Voltage, Low Current Generators
AMT205

Phase	Range	0 to 360
	Resolution	0.001
	Accuracy	0.1
Frequency	Range	0 ... 5 kHz
	Resolution	1 μ Hz
	Accuracy	0.1 ppm

Harmonic Injection	Enter Harmonic	Yes	2 Free Harmonic
	Harmonic Order	Yes	
Recording	Sampling Rate	25 μ s	
	Variable	Currents and Voltages	
Protection	Detection	Power according to power curves: Inverse	
	Type	Overcurrent: Instantaneous	
Connection Banana Sockets		4 mm (0.16 in) banana sockets	
Connection Combination Socket		Group A	
LED		RGB (16 Million Color)	

Low Voltage, High Current Generators
AMT105

Current	Normal Mode	6 Phase (L-N)	AC: 6 X 0 ... 32 A DC: 6 X 0 ... 32 A
		Resolution	85 μ A
		Accuracy	0.2% or 1 mA
	Internal Booster Mode		No
	Maximum Compliance Voltage		12V
Series and parallel			Yes
Voltage	No		
Phase	Range	0 to 360	
	Resolution	0.001	
	Accuracy	0.1	
Frequency	Range	0 ... 2.5 kHz	
	Resolution	1 μ Hz	
	Accuracy	0.1 ppm	

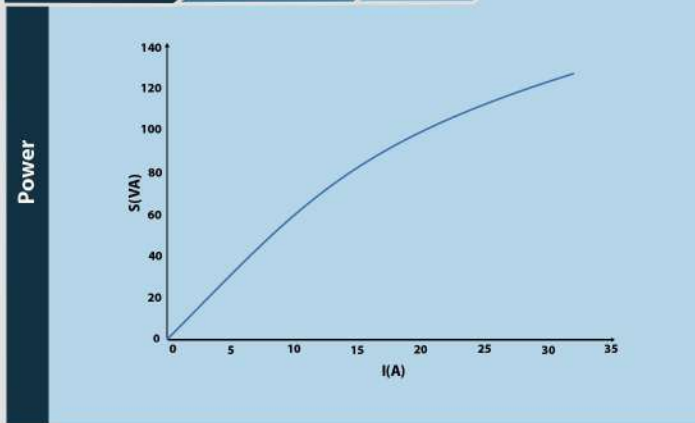
Low Voltage, High Current Generators
AMT205

Current	Normal Mode	6 Phase (L-N)	AC: 6 X 0 ... 32 A DC: 6 X 0 ... 45 A
		Resolution	85 μ A
		Accuracy	0.2% or 2 mA
	Internal Booster Mode time < 300ms	6 Phase (L-N)	AC: 6 X 0 ... 67 A DC: 6 X 0 ... 95 A
	Resolution	170 μ A	
Accuracy	0.2% or 5 mA		
Maximum Compliance Voltage		22V	
Series and parallel			Yes
Voltage	6 Phase (L-N)	AC: 6 X 0 ... 12 V DC: 6 X 0 ... 20 V	
	Series and parallel	Yes	
	Resolution	40 μ V	
	Accuracy	0.2% or 1 mV	
Phase	Range	0 to 360	
	Resolution	0.001	
	Accuracy	0.1	
Frequency	Range	0 ... 2.5 kHz	
	Resolution	1 μ Hz	
	Accuracy	0.1 ppm	

Relaisprüfgerät AMT

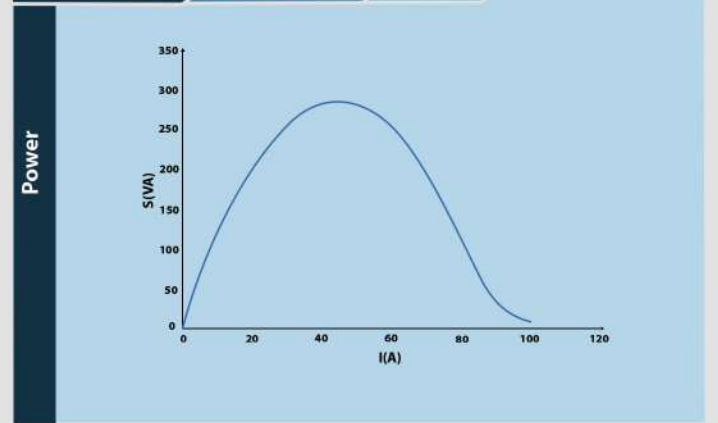
(continue) Low Voltage, High Current Generators AMT105

Recording	Sampling Rate	1.2 ms	
	Variable	Currents	
Protection	Detection	Maximum Neutral Current	32A: Unlimited 64 A: 3 s 100 A: 300 ms
		Setting	Software Controlled: Time , Enable
		Type	Test off
	Connection Banana Sockets	4 mm (0.16 in) banana sockets / 32 A continuously	
Connection Combination Socket	Group A (30 A continuously max)		
LED	Green (1 Color)		
Harmonic Injection	Enter Harmonic	Yes	2 Free Harmonic
	Harmonic Order	No	



(continue) Low Voltage, High Current Generators AMT205

Recording	Sampling Rate	25 μ s	
	Variable	Currents & Voltages	
Protection	Detection	Maximum Neutral Current	32A: Unlimited 64 A: 3 s 100 A: 300 ms
		Setting	Software Controlled: Time , Enable
		Type	Test off
	Connection Banana Sockets	4 mm (0.16 in) banana sockets / 32 A continuously	
Connection Combination Socket	Group A (30 A continuously max)		
LED	RGB (16 Million Color)		
Harmonic Injection	Enter Harmonic	Yes	2 Free Harmonic
	Harmonic Order	Yes	



AC/DC Analog Binary Inputs AMT105

Number	8		
Dry	Open circuit voltage	5 V	
	Short circuit voltage	Software controlled	
Wet	Range 1: 0 ... ± 4.5 V(Peak)	Accuracy	0.1% or 150 μ V
		Resolution	35 μ V
		Impedance	493.75 K Ω
	Range 1: 0 ... ± 30 V(Peak)	Accuracy	0.1% or 1 mV
		Resolution	250 μ V
		Impedance	414.783 K Ω
	Range 1: 0 ... ± 180 V(Peak)	Accuracy	0.1% or 10 mV
		Resolution	1.5 mV
		Impedance	405.267 K Ω
No			
Recording	Sampling Rate	400 μ s	
Protection	Detection	Over voltage	
	Setting	Software Controlled: Time , Enable	
	Type	Test off, Change to Dry	
Galvanic Isolation	8 Group (1+1+1+1+1+1+1+1)		
LED	Green (1 Color)		

AC/DC Analog Binary Inputs AMT205

Number	8		
Dry	Open circuit voltage	5 V	
	Short circuit voltage	Software controlled	
Wet	Range 1: 0 ... ± 4.5 V(Peak)	Accuracy	0.1% or 150 μ V
		Resolution	35 μ V
		Impedance	493.75 K Ω
	Range 1: 0 ... ± 30 V(Peak)	Accuracy	0.1% or 1 mV
		Resolution	250 μ V
		Impedance	414.783 K Ω
	Range 1: 0 ... ± 180 V(Peak)	Accuracy	0.1% or 10 mV
		Resolution	1.5 mV
		Impedance	405.267 K Ω
Range 1: 0 ... ± 520 V(Peak)	Accuracy	0.1% or 25 mV	
	Resolution	4 mV	
	Impedance	404.298 K Ω	
Recording	Sampling Rate	12.5 μ s	
Protection	Detection	Over voltage	
	Setting	Software Controlled: Time , Enable	
	Type	Test off, Change to Dry	
Galvanic Isolation	8 Group (1+1+1+1+1+1+1+1)		
LED	RGB (16 Million Color)		

Relaisprüfgerät AMT

Binary Outputs AMT105

Type	Electro mechanical relay contacts	
Control	Software controlled	
Number	4	
Maximum Voltage in open mode	Electro Mechanic	750V (Rms)
	No	
Maximum Current	Electro Mechanic	10A (Rms)
	No	
Break Capacity AC	Electro Mechanic	Smax 2500 VA
	No	
Break Capacity DC	Electro Mechanic	Pmax 300 W
	No	
Recording	No	
Protection	No	
Galvanic Isolation	4 Group (1+1+1+1)	
LED	Green (1 Color)	

Binary Outputs AMT205

Type	Electro mechanical relay contacts	
	Transistor	
Control	Software controlled	
Number	4	
Maximum Voltage in open mode	Electro Mechanic	750V (Rms)
	Transistor	50 V
Maximum Current	Electro Mechanic	10A (Rms)
	Transistor	50 mA
Break Capacity AC	Electro Mechanic	Smax 2500 VA
	Transistor	Smax 2.5 VA
Break Capacity DC	Electro Mechanic	Pmax 300 W
	Transistor	Pmax 2.5W
Recording	Sampling Rate	50 us
	Resolution	2 mA
	Accuracy	0.3 mA
Protection	Detection	Over current
	Setting	Software Controlled: Time , Enable
	Type	Test off, Open Relays
Galvanic Isolation	4 Group (1+1+1+1)	
LED	RGB (16 Million Color)	

AC/DC Current Measuring Input AMT105

Range 2: 0 ... ± 800 mA	Accuracy	0.1% or 50 µA
	Resolution	6 µA
	Shunt	1Ω
Range 3: 0 ... ± 35 mA	No	
Range 1: 0 ... ± 10 A	No	
Range 4: 0 ... ± 250 µA	No	
Recording	Sampling Rate	400 µs
	Detection	Over current
Protection	Setting	Software Controlled: Time , Enable
	Type	Test off
Galvanic Isolation	1 Group	
LED	Green (1 Color)	

AC/DC Current Measuring Input AMT205

Range 2: 0 ... ± 800 mA	Accuracy	0.1% or 50 µA
	Resolution	6 µA
	Shunt	1Ω
Range 3: 0 ... ± 35 mA	Accuracy	0.1% or 2 µA
	Resolution	0.3 µA
	Shunt	22Ω
Range 1: 0 ... ± 10 A	Accuracy	0.1% or 10mA
	Resolution	1.5mA
	Shunt	5mΩ
Range 4: 0 ... ± 82 µA	Accuracy	0.1% or 30 nA
	Resolution	6 nA
	Shunt	3 KΩ
Recording	Sampling Rate	12.5 µs
	Detection	Over current
Protection	Setting	Software Controlled: Time , Enable
	Type	Test off, Change to open circuit
Galvanic Isolation	1 Group	
LED	RGB (16 Million Color)	

Relaisprüfgerät AMT

AC/DC Voltage Measuring Input AMT105

Range 1: 0 ... ±400 mV(Peak)	Accuracy	0.1% or 20 µV
	Resolution	3 µV
	Impedance	54.7826 KΩ
Range 2: 0 ... ±60 mV(Peak)	No	
Recording	Sampling Rate	400 us
Protection	Detection	Over Voltage
	Setting	Software Controlled: Time , Enable
	Type	Test off
Galvanic Isolation	1 Group	
LED	Green (1 Color)	

AUX . DC AMT105

Aux . DC	Voltage	0 ... 212 V
	Current	0 ... 0.4 A

GPS AMT105

Internal GPS Module	yes
Accuracy	8ns
Time To Lock	10s
Delay Adjustment	yes

Protocol AMT105

IEC 61850	Goose Message	No
	SV	No

Combination Cable AMT105

3 Voltage, 3 current	Yes
6 Current	Yes

PC connection AMT105

WiFi	Yes
LAN	1 Port
Programming USB port	No

Physical Characteristic AMT105

Weight	13kg
Dimension	35cm*35cm*15cm

AC/DC Voltage Measuring Input AMT205

Range 1: 0 ... ±400 mV(Peak)	Accuracy	0.1% or 20 µV
	Resolution	3 µV
	Impedance	54.7826 KΩ
Range 2: 0 ... ±60 mV(Peak)	No	
Recording	Sampling Rate	12.5 us
Protection	Detection	Over Voltage
	Setting	Software Controlled: Time , Enable
	Type	Test off, Change to Range 1
Galvanic Isolation	1 Group	
LED	RGB (16 Million Color)	

AUX . DC AMT205

Aux . DC	Any combination of 12 channels	Max Voltage : 1200 V , 0.4 A Max Current : 8 V , 210 A
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GPS AMT205

Internal GPS Module	yes
Accuracy	8ns
Time To Lock	10s
Delay Adjustment	yes

Protocol AMT205

IEC 61850	Goose Message	yes
	SV	yes

Combination Cable AMT205

3 Voltage, 3 current	Yes
6 Current	No

PC connection AMT205

WiFi	Yes
LAN	3 Port, 2 port in wifi Network
Programming USB port	Yes

Physical Characteristic AMT205

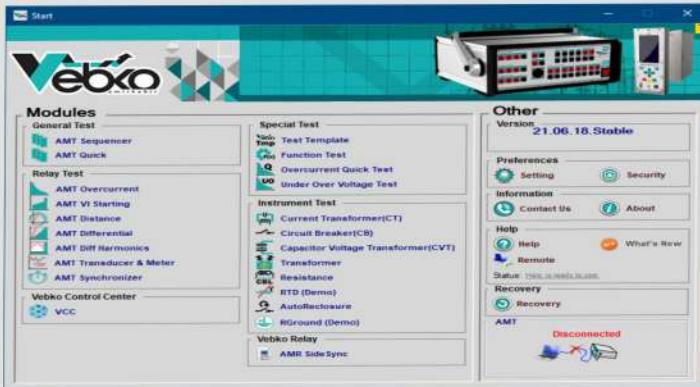
Weight	14kg
Dimension	35cm*35cm*15cm

Relaisprüfgerät AMT

KURZE LISTE DER SPEZIFIKATIONEN

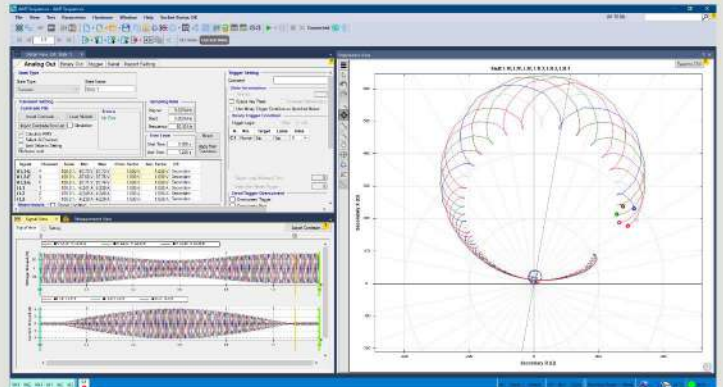
Verschiedene Testräume

Startseite von Vebko Software



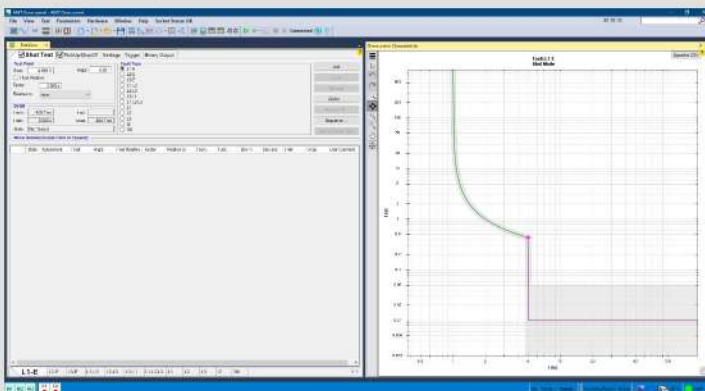
AMT Sequencer

Wird verwendet, um Tests zu entwerfen, bei denen die Funktionen Normal, Quick, Step Ramp, Coninuous Ramp, Harmonic, Transient



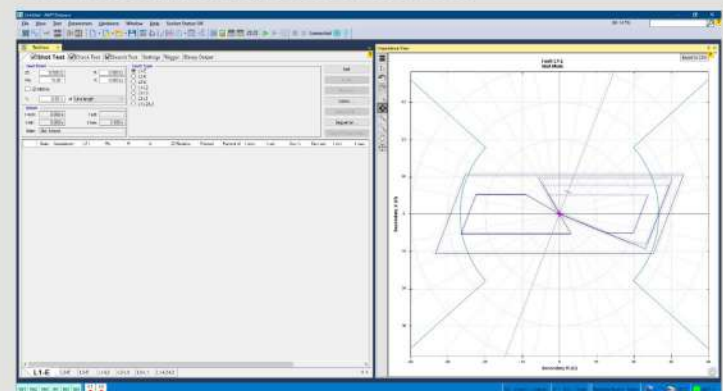
AMT Überstrom

Zur Prüfung von Stromfunktionen wie 51/50/67 usw



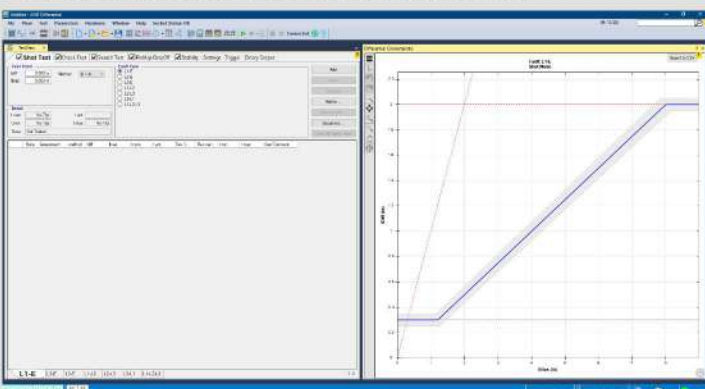
AMT-Abstand

Zur Prüfung der Impedanzfunktionen



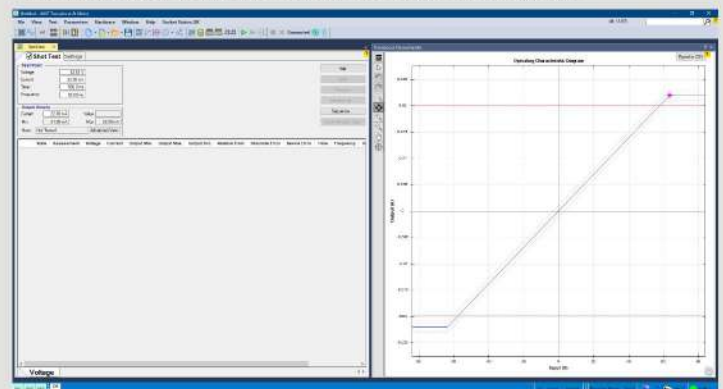
AMT Differential

Dient zur Prüfung der Differentialfunktion



Messwandler und Messgerät

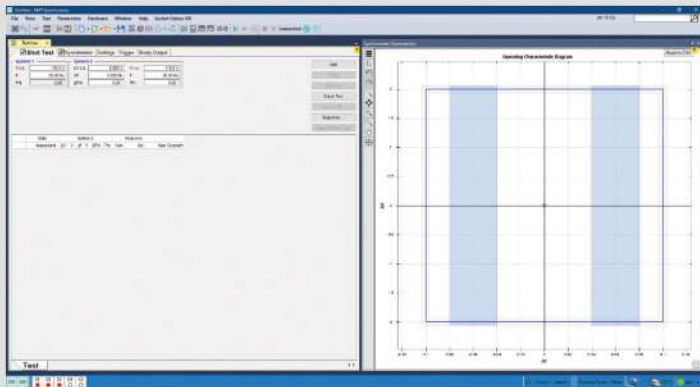
Zum Testen von Messwandler und Messgerät



Relaisprüfgerät AMT

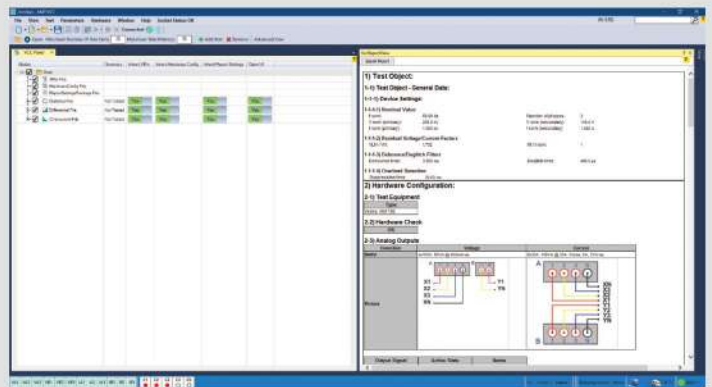
AMT-Synchronisiergerät

Dient zum Testen des Synchronisationsrelais



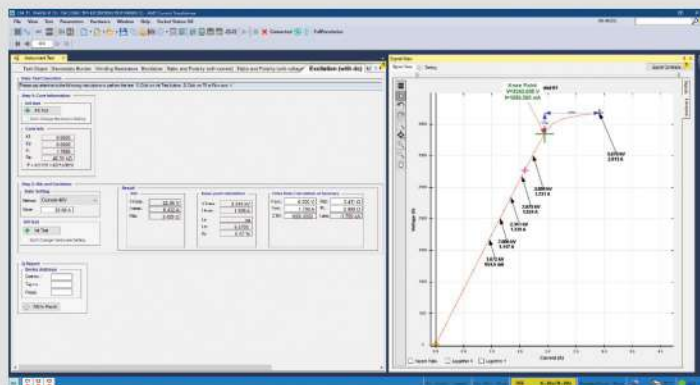
VCC

Dient der sukzessiven Durchführung der für ein Relais vorgesehenen Tests



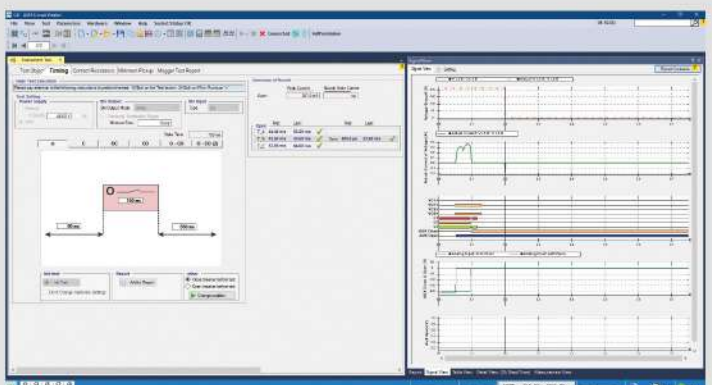
Stromwandler

Wird zur Prüfung verschiedener Stromwandlerklassen verwendet



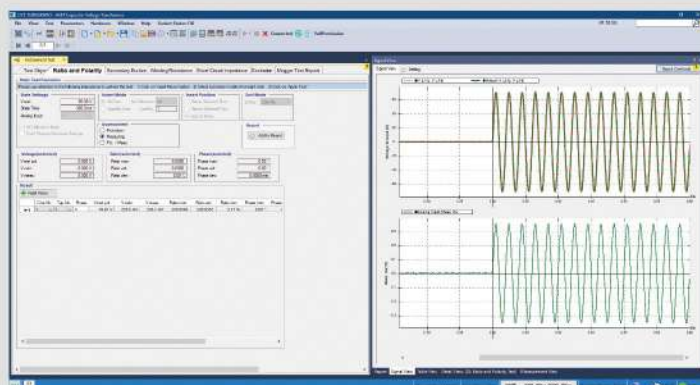
Stromkreisunterbrecher

Zur Prüfung von MS- und HS-Leistungsschaltern



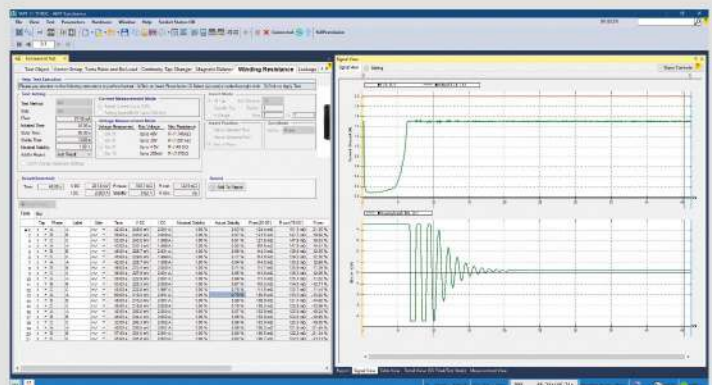
CVT

Zur Prüfung verschiedener Klassen von CVTs



Transformator

Dient zur Durchführung verschiedener Transformatorentests



Relaisprüfgerät AMT

Lieferantenliste

Zeile	Firmennamen	Nationale ID	Bereich	Inländisch / Ausländisch	Nationalität	Spezifikationen	Produkt Kategorie	Provinz	Stadt	Anschrift	Telefon	Fax	Datum der Aktualisierung	Beschreibung
656	Vebko Amirkabir Überwachung der Stromqualität	14004384990	Herstellung	Domestic	Iran	Schutzrelais tester AMT & Multifunktionschutzrelais AMR	67	Qazvin	Qazvin	5. Stock, Gebäude Nr. 76, Parastar-Boulevard, Norouzian-Boulevard	+982833692361	+982833632038	2017/11/05	Selbsterklärt

Ausrüstung im Transportkoffer

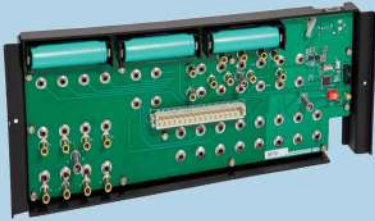


Tester Transportkoffer		AMT205 Relais tester			AMT105 Relais tester										
AMT1001	Qty : 1	AMT1050			1	AMT1003		1							
Transformator Prüfklemme	Klammerabdeckung	Kombinations kabel	Ethernet Kabel	Stromkabel	Krokodilklemmen an Kontaktstiften oder Schraubbolzen	Transformier Testkabel	Umhängetasche								
AMT1016	8	AMT1028	8	AMT1004	1	AMT1007	1	AMT1006	1	AMT1012	4	AMT1015	3	AMT1002	1
Kondensator-Box	Flexible Prüflast adaptiv mit einziehbaren Hülse 4 mm Sicherheitsstecker 30 CM lang, 32 A	USB-Kabel Programmieren	Jumper, flexibel, 6 CM lang für Parallelstrom dreifach A und B	Kabelbinder (Klettverschluss) Schwarz, 150 mm lang	Lastkabel										
AMT1019	1	AMT1011	4	AMT1026	1	AMT1014	4	AMT1013	5	AMT1005	5				
Serieller Dongle	Flexible Anschlussadapter 2,5 CM, 4 mm, 32 A	Kabelschuh Adapter 4 mm	Erdungskabel	Optischer Sensor für Prüfgerät	GPS-Antenne										
AMT1020	1	AMT1009	12	AMT1010	12	AMT1008	1	AMT1018	1	AMT1017	1				
Trans Tasche	Gepäckabdeckung	Schraubendreher	Tasche A	trans kabel halter											
AMT1023	1	AMT1024	1	AMT1022	1	AMT1025	1	AMT1021	16						

Relaisprüfgerät AMT

Zubehör

(*) : Basismodul erforderlich



Basismodul

Bass-Modul

AMT1030

(*)



CB-Testmodul

AMT1031

(*)



CT- und CVT-Testmodul

AMT1033

(*)



Transformator-Testmodul

AMT1032

(*)



Relaistester und
Hochspannungsmodul

AMT1039

(*)



Kalibrierungsmodul

AMT1035



10 Milli Ohm Shunt-Modul

AMT1038



Hochspannungs-Linearregler

AMT1046



Isolationswiderstand
Messmodul

AMT1040



Arc-Flash-Modul

AMT1051



Testmodul für elektronische
Relais

AMT1034

Relaisprüfgerät AMT

Liste der Kunden

Co. Name	105	205	Co. Name	105	205	Co. Name	105	205	Co. Name	105	205
Specialized Holding	4	0	Shirvan Combined Cycle Power Plant	1	0	Fajr Petrochemical	2	0	Hana Energy Iranian Company	1	0
Tavanir	3	0	Parand Combined Cycle Power Plant	1	0	Fresa Chemistry	1	0	Mohandesin Bakhtar Moshaver	1	0
Iran Grid Management	1	0	Shahid Kaveh Combined Cycle Power Plant	1	0	Bushehr Petrochemical	1	0	Nojan Niroom Novin Iranian	1	0
Consulting	4	0	Sardasht Hydropower Plant	1	0	Mahabad Petrochemical	1	0	Asa Electrical Engineering	1	0
Hoodad Niroom Pars	1	0	Montazer Ghaem Power Plant	1	0	Nouri Petrochemical	1	0	Atrak Sazeh Pars Gostar	1	0
Moshanir	1	0	Kashan Combined Cycle Power Plant	1	0	Damavand Petrochemical	1	0	Niroom Pardaz Energy Co	1	0
Monanco	1	0	Khorramshahr Combined Cycle Power Plant	1	0	Isfahan Petrochemical	1	0	Altair Systems	1	0
Noavaran Arman Pouya	1	0	Roodshour Power Plant	1	0	Bakhtar Petrochemical	1	0	Amin Niroom Aria Koosha Engineering (Manaco)	1	0
Regional Electric	19	0	Dez Dam and Power Plant Production and Operation	1	0	Pars Petrochemical	2	0	Andia Solar Industry	1	0
Khorasan Regional Electricity	6	0	Regional electrical company for repairs	133	0	Arvand Petrochemical	1	0	CV Kiat Energi (IDN)	1	0
Fars Regional Electricity	1	0	Azarbaijan Elictrical Power Maintenance	3	0	Shazand Petrochemical	1	0	Públio Bernardes Severino(BRA)	2	0
Azerbaijan Regional Electricity	2	0	Khuzestan Power Transmission Maintenance (TANANIR)	10	0	Polypropylene Jam	1	0	Mr.Made Arimbawa	2	0
Kerman Regional Electric	1	0	Bootia Niroom	9	0	Kermanshah Polymer	1	0	Power Substation Contractor	68	0
Bakhtar Regional Electric	1	0	Akhtar Bargh	13	0	Kavian Petrochemical	1	0	Sanat Niroom Arka	1	0
Semnan Regional Electric	2	0	Gilan Land Electrical Engineers	3	0	Masjed Soleyman Petrochemical Industries Co	1	0	Nikan Andisheh Bootiya	1	0
Hormozgan Regional Electric	1	0	Tanesh	6	0	Polynar Corporation	1	0	China Gzuba Group Limited CGC	1	0
Zanjan Regional Electric	1	0	Peyman West	11	0	Kimia Pars Middle East Petrochemical	1	0	Behin Electric Is A New Phenomenon	1	0
Mazandaran Regional Electric	1	0	Tehran Power Transmission Maintenance Engineering (METANIR)	22	0	Petro Kimia Ibn Sina	1	0	Iran Transfo Post Development	1	0
Gilan Regional Electric	1	0	Fars Power Maintenance	11	0	Imam-Bandar Water Petrochemical Co.	1	0	Kian Sanat Nikan Isatis	1	0
Yazd Regional Electric	1	0	Arman Niroom Hormozgan	4	0	Engineering	50	2	Power Team	1	0
Isfahan Regional Electric	1	0	Niroom Faraz Jonub Shargh	5	0	Zarrin Samane Shargh	1	0	Iranian Power Energy Innovators (IRN)	1	0
Power Plant	30	0	Azarakhsh Transmission Power	5	0	Talash Sanat Dirin Daghigh	0	1	Niroom Sanat Iranian	1	0
Chabahar Combined Cycle Power Plant	1	0	Bakhtar Production and Transmssion of Electricity (Betanir)	17	0	Fanavaran Energy Toos Co	5	0	Niroom Bam Pars	1	0
Zahedan Power Generation	1	0	Oil Contractor	10	0	Sintaksa (HRV)	1	0	Pars Voltajhe Dashtestan	1	0
Mohammad Montazeri Power Generation Management	1	0	Jahanpars Co	1	0	Ideh Tajhiz Control Trading Engineering	1	0	Mabna Niroom	1	0
Isfahan Power Generation Management	1	0	EXIR SANAT	1	0	Advensys	1	0	Hemmat Karan Engineering Technical	1	0
Mashhad Power Generation Management	1	0	Aghajari Oil and Gas Exploitation	1	0	Kia Electronic Faraz Co	2	0	Peyman Niroom	1	0
Besat Power Generation Management	1	0	Petro Sanaat Jonoob	1	0	Pishtaz Tamin Tajhiz Garb Company	1	0	Arya Petronir Novin	1	0
Neka Power Generation Management	1	0	OICO Company	1	0	Mashhad Tadbir	1	0	Nasr Niroom Yazd Company	3	0
Kish Water & Power	1	0	Talash Gostar Energy Development Management	1	0	Tavan Tajhiz Azma	1	0	COMPANY SSCO	1	0
Shahid Rajaee Power Generation Management	1	0	Mapna Neyr Perse	1	0	Gostareh Energy Matin Asia	1	0	Pars Sayna Energy	1	0
Soltanieh Combined Cycle Power Plant	1	0	Maroon Oil & Gas	1	0	Safa Nicu Sepahan	1	0	The Eastern Shore Force Protection	1	0
Touss Power Generation Management Company	1	0	Arvandan Oil and Gas	1	0	Erika Sanat Varna	1	0	Mohammad Hadad (SWE)	1	0
Powerhouse of the Dahlato Combined Cycle	1	0	Terminals and Tanks Petrochemical	1	0	Hefaz Sanat Arya	1	0	Shahab Niroom (AFG)	2	0
Bisotun Power Generation Management	1	0	Petrochemical	29	0	Yam Electric installation and Contracting Company	1	0	Moham Shargh Group	1	0
Loshan Power Generation Management	1	0	Hengam Petrochemical	1	0	Tavanmand Consulting Engineering	1	0	Power Technology Pyramids (PTP)	1	0
Shahid Mofateh Power Generation	1	0	Kangan Petro Refining	1	0	Nogaran Ghodrat Engineering Services	1	0	Parsian Group	2	0
Kowsar Zagros Power Plant Production & Management	1	0	Marjan Petrochemical	1	0	Orumieh Sanjesh Sehat	1	1	Mr. Khalilinia (IRQ)	1	0
Bandar Abbas Power Generation	1	0	Jam Petrochemical	1	0	Arianir Engineering	3	0	Ertebat Andishan Sanaat Sefahan	1	0
Qom Combined Cycle Power Plant	1	0	Razi Petrochemical Company	1	0	Nivand Energy Pooya	1	0	Peyman Khotoot Shargh	1	0
Aliabad Golestan Power Plant	1	0	Maroon Petrochemical	1	0	Behbood Sanat Niroom Consulting Engineers	1	0	South Pimaneh Energy	1	0
			Shiraz Petrochemical	1	0	Power Grid Solution (AUS)	1	0	Pars Power	2	0
			Lorestan Petrochemical	1	0	Parto Parsian Energy	1	0	Niru Danesh Espadana	1	0
						Kavosh Niroom Gostar Pazz Company	2	0	Tabdil Niroom Aria	1	0
									Roshan Gostar Toos	1	0
									Karmania Voltage	1	0

Relaisprüfgerät AMT

Liste der Kunden

Co. Name	105	205	Co. Name	105	205	Co. Name	105	205	Co. Name	105	205
Faraniroo Engineering company	3	0	Persian Gulf University	2	0	Foolad Gharb Asia Co	1	0	Gas	5	0
Kiyan Isatis Pars	1	0	Province Electricity Distribution	28	0	Arfa Iron And Steel	1	0	Fateh Sanat Kimia	1	0
Raysanat Sasan	1	0	Ardabil Electric Power Distribution	1	0	Pasargad Steel	1	0	Region 2 of Isfahan Gas Transmission Operations	1	0
Matin Nirou Zagros	1	0	Southern Kerman Electricity Distribution	1	0	Zarand Iranian Steel	1	0	District 3 of Tehran Gas Transmission Operations	1	0
Raysanat Sasan	1	0	North Kerman Electricity Distribution	1	0	Mobarakeh Steel	1	0	Gas Transmission Operation Zone 8	1	0
Kava Tavan Zagros	1	0	Sistan & Balouchestan Electric Power Distribution	1	0	Sirjan Iranian Steel	2	0	Gas Transmission Operation Zone 6	1	0
Petro Pars Ghodrat	1	0	Hormozgan Province Electric Power Distribution	1	0	Saba Steel	1	0	Aluminum Industry	3	0
Nirou Azma Payam	1	0	Yazd Electricity Distribution	1	0	South Kaveh Steel Kish	1	0	Iran Aluminum (Iralco)	1	0
Ray Avin Fav	2	0	Khuzestan Province Electric Power Distribution	1	0	Jahan Ara Arvand Steel Factory	2	0	Almahdi Aluminium Co	1	0
Parseh Nirou Caspian	1	0	Semnan Distribution	1	0	Chadormalu Steel Company	1	0	IRAN ALUMINA Co	1	0
Intis (HRV)	1	0	Shiraz Electricity Distribution	1	0	South Rouhina Steel Complex	1	0	Producers of electrical panels	13	0
Bonyan Nirou Kerman	1	0	Great Tehran Electricity Distribution	2	0	Sefid Dasht Steel Complex	1	0	Taban Tablou East	1	0
Control Ghodrat Pars Co	2	0	Alborz Electric Power Distribution	1	0	Giolgohar Iron & Steel Development Co	3	0	Fanavaran Sane Shargh Co	2	0
Ariya Ghodrat kavir	2	0	Tehran Province Electric Power Distribution	4	0	Copper Industry	3	0	Ranin Sanat Gostar Company	2	0
Pooya Nirou Spadana Co	1	0	Isfahan Province Electric Power Distribution	1	0	Shahrbabak Copper Complex	1	0	Supply Board	1	0
Tarh & Tose'eh Peyman Zagros	2	0	Qom Province Electric Power Distribution	2	0	Shahid Bahonar Copper Industries	1	0	Electro Kavir	1	0
Saeghe Nirou Yazd Co	1	0	East Azarbaijan Province Electric Power Distribution	2	0	Fulmen	1	0	Ista Noavaran Niro company	1	0
University	28	0	West Azarbaijan Province Electric Power Distribution	1	0	Relay Maker	11	0	Noavaran Bargh Aria	1	0
Semnan University	1	0	South Khorasan Province Electric Power Distribution	1	0	Atrak Energy Gostar Aras CO	1	0	Fajr Tablo Co	1	0
Amirkabir University Of Technology	2	0	Razavi Khorasan Province Electric Power Distribution	1	0	Arma Pooyesh Analysts	1	0	Arian Key Pars	1	0
Yazd University	1	0	North Khorasan Province Electric Power Distribution	1	0	Mehvar Azma	4	0	Subsidiaries	2	0
Faculty Of Electrical and Computer Engineering - Tabriz University	1	0	Kermanshah Province Electric Power Distribution	2	0	Hemianfen	4	0	Subsidiary	2	0
Esfahan University Of Technology	1	0	Fars Province Electric Power Distribution	1	0	Persian Processing Energy Power	1	0	Real Person	49	0
University Of Isfahan	1	0	Steel	31	0	Trading	3	0	Mr. Mohsen Kaviani Baghbadarani	1	0
Ministry Of Science & Technology Research & Technology University Of Birjand	1	0	Sabzevar Steel Pars	1	0	Turkuaz Group (TUR)	1	0	Mr. Rahimi	2	0
Damghan University	1	0	International Technical Steel Engineering	1	0	IRANA SYSTEM COMPANY	1	0	Mr. Aslani	2	0
Sharif University Of Technology	2	0	Golgohar Mining & Industrial	1	0	Danesh Energy Sarir Co	1	0	Mr. Sadeghi	1	0
Sistan University	1	0	Sangan Iron Ore Complex	1	0	Oil Refinery	18	0	Mr. Ghasabian	1	0
Ministry Of Science and Research Of Tehran University	2	0	Sepehr Sharq Steel Company	1	0	Tabriz Oil Refining	1	0	Mr. Gholamian	1	0
Khaje Nasir al-Din Tusi University Of Technology	1	0	KHAYYAM STEEL NEYSHABOUR	1	0	Shahid Hasheminejad Gas Refining (Khangiran Refinery)	1	0	Mr. Jafari	3	0
Shahid Bahonar University Of Kerman	1	0	Chahar Mahal Bakhtiari Car Paper	1	0	Abadan Oil Refining	2	0	Mr. Salar Farshid	1	0
Shahid Beheshti University	2	0	Khuzestan Oxin Steel Co	1	0	Shazand Imam Khomeini Oil Refining	1	0	Mr. Roshani	1	0
The Graduate University Of Advanced Technology	1	0	Khuzestan Steel Company	1	0	Shiraz Oil Refining	1	0	Mr. Arjmand	1	0
University Of Lorestan	1	0	Bonab Steel Industry Complex	1	0	South Pars Gas Complex Second Refinery (Phases 2 and 3)	1	0	Mr. Shamshiri	1	0
Shahrood University	2	0				South Pars Gas Complex Fourth	1	0	Mr. Alipoor	2	0
Ministry Of Science Research & Technology Of Shahid Chamran University Of Ahvaz	1	0				South Pars Gas Complex Sixth Refinery (Phases 15 & 16)	1	0	Mr. Kasiri	1	0
Mazandaran University Of Science And Technology	1	0				South Pars Complex 9th Refinery Phases (12)	2	0	Mr. Sahrayian	1	0
Ministry Of Science Research & Technology University Of Science And Technology	1	0				Isfahan Oil Refining	2	0	Mr. Solymanpour	1	0
Babol Noshirvani University Of Technology Faculty Of Electrical & Computer Engineering	1	0				South Pars Gas Complex (Phase 5)	1	0	Mr. Sabzalian	1	0
						Bidboland Gas Refinery Persian Gulf	1	0	Mr. Hassan Dehghan	1	0
						South Pars Gas Complex 10th refinery	1	0	Mr. Estaki	1	0
						Behran Oil Co	1	0	Mr. Jamaliyan	1	0
						Gachsaran Oil And Gas Exploitation	1	0	Mr. Gohardani	1	0
									Mr. Zafarani	1	0
									Mr. Pawel Wicher (POL)	1	0
									Mr. Molaiei	1	0
									Mr. Nasr	1	0
									Mr. Mirmohammadi	1	0
									Mr. Masoud Karimi	1	0
									Mr. Farhadi	1	0

Relaisprüfgerät AMT

Co. Name	105	205	Co. Name	105	205	Co. Name	105	205	Co. Name	105	205
Mr. Malekshahi	1	0	Utility	3	0	Khuzestan Hydropower Plant Installation Repair & Maintenance	1	0	Engineering, procurement and construction	3	0
Mr. Yahoo	1	0	Industrial Lines Development	1	0	Iran Power Plant Repairs	2	0	Shoa Gostar Shargh Co	1	0
Mr. Ahmadi	1	0	MAPNA Railways Development	1	0	Ahar Power plant services	1	0	Energy Sazan Takin Co	1	0
Mr. Shah Mohammadi	1	0	National Iranian Oil	1	0	MAPNA Operation and Reconstruction	2	0	OIEC Group	1	0
Eng. Najafi Hajivar	1	0	Transformer	3	0	Atomic Energy Engineering and Manufacturing	1	0	Sea Ports And Shipping	2	0
Eng. Gholam Qous Marvi	1	0	Alvand Tavan Energy	1	0	Pasargad Energy Development	2	0	Iran Marine Industrial (Sadra)	1	0
Eng. Cheraghpour	1	0	Niroo Trans Sepahan	1	0	Niroo Sanat Sarcheshmeh	1	0	Port & Maritime Organization of Khuzestan province- Imam Khomeini seaport	1	0
Eng. Soleimani	1	0	Ebda Sanat Bargh Co	1	0	Mining Industry	2	0	Water and Wastewater	1	0
Eng. Reza Jiani	1	0	Agency	9	0	Sang Gohar Zamin Sirjan	1	0	Tehran Water and Wastewater Treatment	1	0
TebNox projects and consultants Lty Ltd(ZAF)	1	0	GenEko j.d.o.o. (HRV)	7	0	Sepahan Revival Iron Ore Mines	1	0	Engineering, procurement and construction	2	0
Eng. Cheraghpour	1	0	Moises Goncalves (CAN)	1	0	Industrial automation	2	0	Ahvaz Power Distribution company	1	0
Eng. Soleimani	1	0	ADEODUN SOJI TAYO	1	0	MECO	1	0	Isfahan Distribution	1	0
Eng Tech MIET (GBR)	1	0	Organizations	1	0	Iran Supply and Control Systems	1	0	Vebko	5	0
Eng. Ghasemi	1	0	Power Research Institute	1	0						
Motaz Al-Fayomi	1	0	Power plant services	12	0						
Eng. Faghani	1	0	Alborz Turbine Power Plant Engineering and Support	2	0						
Eng. Saeed Rafiei	1	0									

Kundenliste der exportierten Geräte

Co. Name	105	205	Co. Name	105	205	Co. Name	105	205	Co. Name	105	205
Engineering Company	55	0	TDM Service & Solutions Company	12	0	Paweł Wicher	1	0	Mohammad Hadad	1	0
Power Grid Solutions Pty Ltd	1	0	Control and Application Emirates	1	0	TebNox projects and consultants Lty Ltd	4	0	Intis	1	0
THGT HIGH TECH COMPANY	1	0	.EICA Co.Ltd	2	0	EngTech MIET	6	0	Power Team Company	2	0
Advensys	1	0	WISE ELEC SABL	1	0	Motaz Al-Fayomi	1	0	Al Seine Company	1	0
Sintaksa	1	0	RELGRID LLC	1	0	agency	20	0	PT. LEMBAH SENTRAL ELEKTRONINDO	2	0
CV Kiat Energi	15	0	arcprotech company	1	0	.GenEko j.d.o.o	19	0	PT.KANTINO TEHNIK INDONESIA-SINGAPORE	1	0
JOSEPH MATHIAS	1	0	SMCE GROUP T&D	2	0	ADEODUN SOJI TAYO	1	0	PT. Duta Surya Teknik	1	0
Públio Bernardes Severino	11	0				Oil Contractor	10	0	Mr.Heydar Abbas	1	0
Mr.Made Arimbawa	2	0	Trading	1	0	NTL Locacoes De Equipamentos I. LTDA	10	0	Al_Ghazi Company	1	0
Kenyan customer	1	0	Turkuaz Group	1	0	Power Substation	17	0	NS ENGINEERS	3	0
.INE Co	1	0	Real Person	12	0	Mr. Khalilinia	1	0	BV Engineering Ltd	1	0
									Wilfred Amen Asonmonriri	1	0

Kontaktinformationen

Zentrale 1

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Vebko Amirkabir Co.

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