



VEBKO Amirkabir Şirketi

**AMT 105
205**



CE

AMT röle test cihazı

Index İçindekiler

- ▶ VEBKO Amirkabir Şirketinin Tarihçesi
- ▶ AMT röle test cihazının yetenekleri
- ▶ AMT cihazının Özet Teknik özellikleri
- ▶ Müşteri listesi
- ▶ Sertifikaları, referansları ve İran petrol bakanlığı satıcı listesi
- ▶ İletişim

History of Vebko Amirkabir

Vebko, İran başkan yardımcısının bilim ve teknoloji emriyle 2014 yılında Amirkabir teknoloji üniversitesi gözetiminde ulusal bir röle test cihazı üretmek üzere kurulmuş bilim temelli bir şirkettir. Şirketin ilk endüstriyel ürünü pazara 2015 ortalarında girdi ve bugüne kadar, elektrik, petrol, gaz ve üniversitelerin büyük merkezlerine 850'den fazla röle test cihazı teslim edildi.

ATM 105, her tür röle ve koruyucu ekipman, devre kesiciler, termal kablolar ve sensörlerin yanı sıra güç, akım, voltaj ve kapasitör voltaj transformatörlerini test etmek için genel bir çözümdür.

Aşağıdaki özellikler sahip bu cihaz, çeşitli röleleri ve koruma ekipmanlarını test etmek için gerekli olanağı ve kapasiteyi sağlamıştır.

AMT 205 altı 32 akım kaynağı (64 üç fazlı amper, 128 amp tek fazlı), 300 milisaniyeden daha az bir sürede, 70 A'lık bir üç fazlı akım ve 200 A'lık bir tek fazlı akım vardır.

6 adet 300 V voltaj kaynağı (1200 V tek fazlı), akım ve gerilim kombinasyon kablosu, 8 analog ikili giriş, 2 Yüksek hassasiyetli analog akım ve gerilim girişi, 4 ikili çıkış, DC voltaj kaynağı (Kapasite 420 volt).

AMT 105 altı 32 akım kaynağı (64 üç fazlı amper, 128 amp tek fazlı), 4 adet 150 V voltaj kaynağı (450 V tek fazlı), akım ve gerilim kombinasyon kablosu, 8 analog ikili giriş, 2 Yüksek hassasiyetli analog akım ve gerilim girişi, 4 ikili çıkış, DC voltaj kaynağı (Kapasite 212 volt).

Sertifikalar ve izinler

onaylayanların organizasyonu

- ▶ İran Elektrik Şebeke Yönetimi
- ▶ Tavanir Firması
- ▶ Güç Araştırma Enstitüsü
- ▶ Termik enerji üretiminde uzmanlaşmış ana şirket
- ▶ İran Maden Geliştirme ve Yenileme Kurumu



IMQ İtalya'dan CE sertifikası sahibi

Tedarikçi listesi

- ▶ Huzistan Oksin Çelik Şirketi
- ▶ Horasan Çelik Kompleksi Şirketi
- ▶ İran Petrol Bakanlığı'nın satıcı listesi
- ▶ Santral İhtiyaç Tedarik Merkezi Tedarikçi Üyesi (Araştırma Enstitüsü)
- ▶ Hürmüzgan Çelik Firmasının Satıcı Listesi
- ▶ Pars Petrol ve Gaz Şirketi Üyesi
- ▶ Maroon Petrokimya Şirketi
- ▶ Pasargad Petrol Şirketi Üyesi
- ▶ Ulusal Petrokimya Endüstrileri
- ▶ Ulusal İran Bakır Endüstrileri Şirketi tedarikçileri üyesi
- ▶ Bandar Abbas Petrol Rafineri Şirketi
- ▶ Zarand İran Çelik Şirketi
- ▶ Horasan Petrokimya Şirketi tedarikçileri üyesi
- ▶ Khuzestan Steel Company tedarikçileri üyesi
- ▶ Kum Kombine Çevrim Santrali Tedarikçileri Üyesi

AMT röle test cihazının yetenekleri

Koruma rölelerinin ve ölçüm ekipmanlarının test edilmesiyle ilgili yetenekler

1. Çok çeşitli statik, elektromekanik sayısal röleleri test edebilir
2. Tüm XRIO ve RIO dosyalarını okuyabilir, düzenleyebilir ve oluşturabilir
3. Geçici test yapabilir
4. Point-to-point and end-to-end test yapma yeteneği
5. Dahili GPS ve Wi-Fi
6. Deneyleri otomatik olarak gerçekleştirir
7. Kullanıcıların isteği üzerine özelleştirme yeteneği ile kapsamlı bir rapor sağlayın
8. Windows (XP 7, 8, 10,11) işletim sistemiyle uyumlu
9. Android uygulamalarını destekleme
10. Otomatik kaydet Undo ve Redo
11. HTML formatında Farsça, İngilizce, İspanyolca ve Almanca rehber
12. Firmware'i güncellemek için bootloader teknolojisini kullanmak
13. eğitim videoları

Güç transformatörlerini test etme yeteneği

1. Sargı direnci
2. Oran
3. Boşta (yüksüz) Çalışma Testi
4. vektör grubu
5. Manyetik denge
6. Tap changer devamlılık testi
7. Demanyetize etme
8. Kaçak reaktans

Akım transformatörlerini test edebilir test etme kabiliyeti (CT)

1. Doygunluk noktası ölçüm testi
2. Akış yöntemiyle yük yolu ölçüm testi
3. Histerezis eğrisi
4. Genlik ve faz hatası hesaplama
5. Nükleer manyetizasyon
6. Akım ve gerilim yöntemiyle ikincil direnç
7. Dönüşüm oranı testi (voltaj yöntemiyle, akım yöntemiyle 128 ampere kadar)

türlü sayaç ve dönüştürücüyü test etme yeteneği

1. Her tür ölçüm cihazı ve dönüştürücüyü test etmek için yüksek doğruluk
2. Otomatik enerji okuması için darbe sayacı modülü ile donatılmıştır

VT ve CVT testleri yapabilme

1. Dönüşüm ve polarite oranı testi
2. Kablo direnci testi
3. Kısa devre empedansı
4. Doyma noktası ölçüm testi

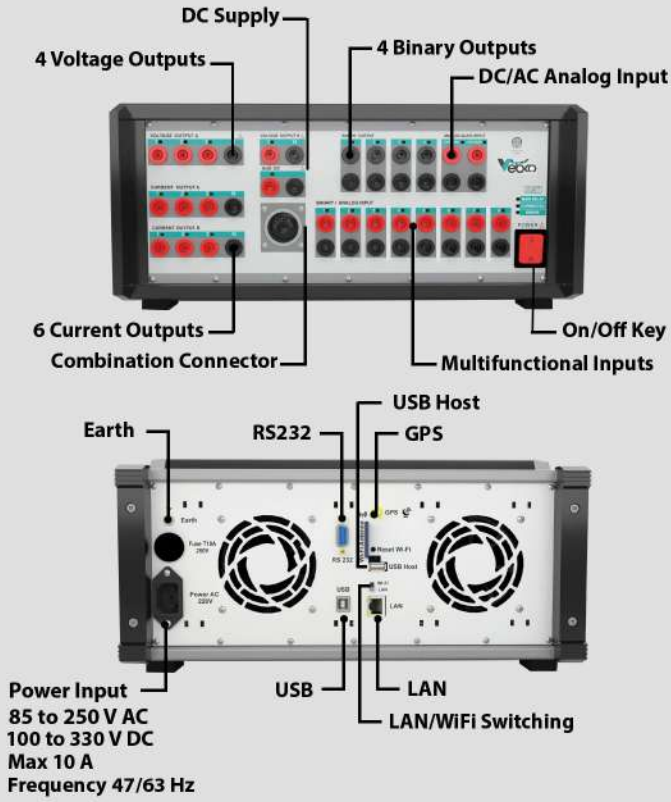
Anahtar ve ayırıcı testleri yapabilme

1. Açılış ve kapanış zamanı ölçüm testi
2. Temas direnci ölçüm testi
3. Güç anahtarı işlevinin minimum voltajını test edin

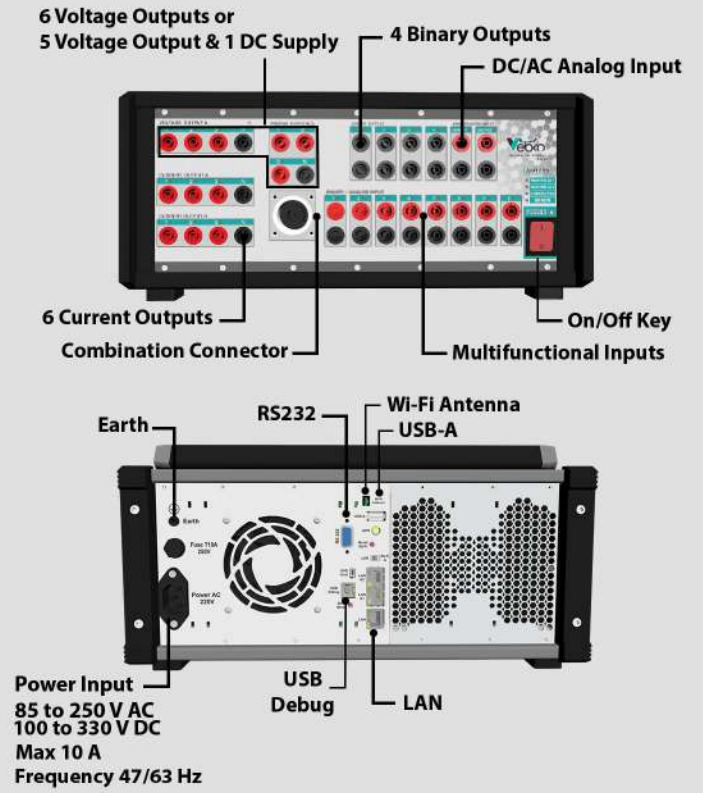
AMT röle test cihazı

Cihazın elektriksel ve fiziksel özellikleri

AMT105



AMT205



Cihazın elektriksel ve fiziksel özelliklerinin özeti

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	

AMT röle test cihazı

(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	

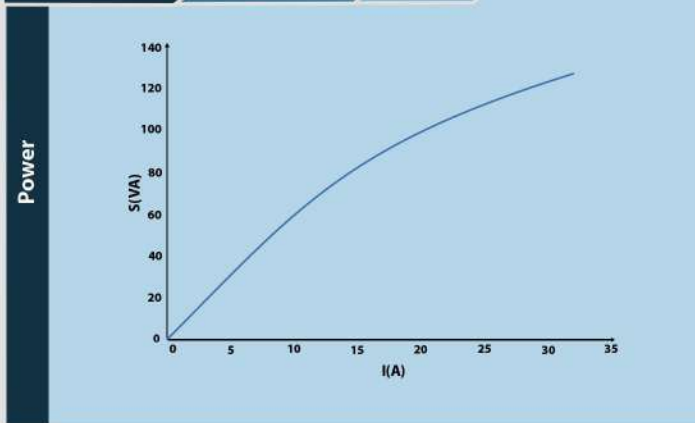
Low Voltage, High Current Generators
AMT205

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	
	Seris 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	

AMT röle test cihazı

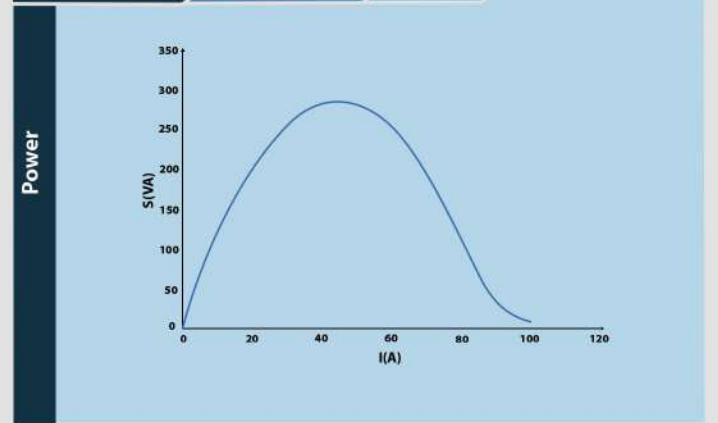
(continue) Low Voltage, High Current Generators AMT105

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 Maximum Order 40 for 50Hz (2KHz)
	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)		

AMT röle test cihazı

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)	

AMT röle test cihazı

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)		
	Accuracy	0.1% or 5 µV
	Resolution	0.5 µV
	Impedance	133.75 KΩ
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

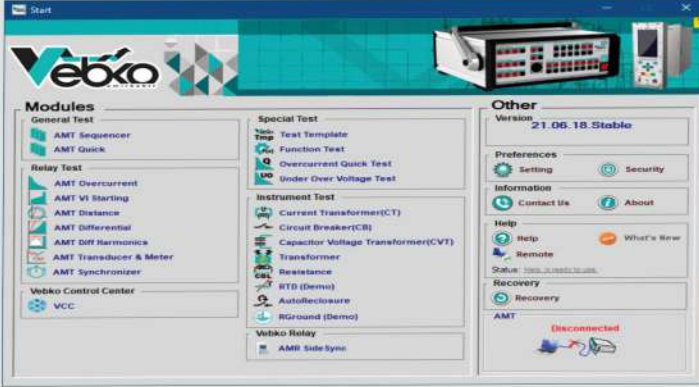
Weight	14kg
Dimension	35cm*35cm*15cm

AMT röle test cihazı

Röle test cihazı özelliklerinin özeti

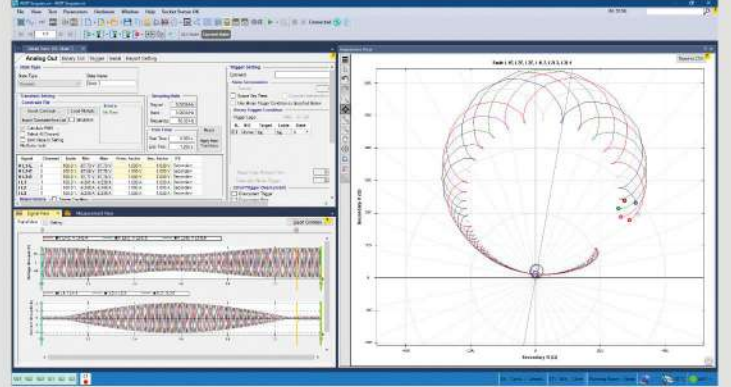
Test edilecek farklı odalar

Veeco Yazılım Ana Sayfası



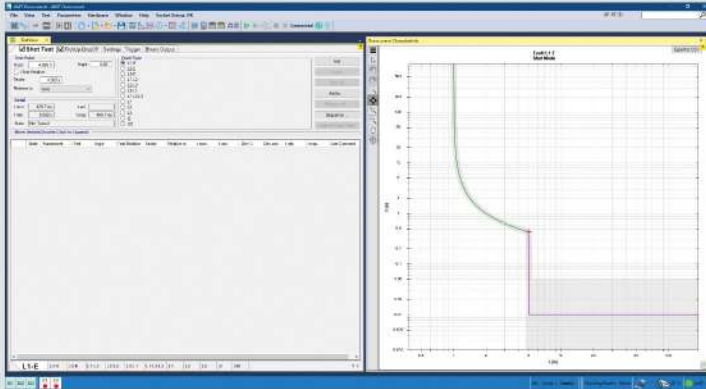
AMT Sequencer

normal, Quick Step Ramp, Continuous Ramp, Harmonic, Transient modülleri kullanarak hibrit testler tasarlamak için



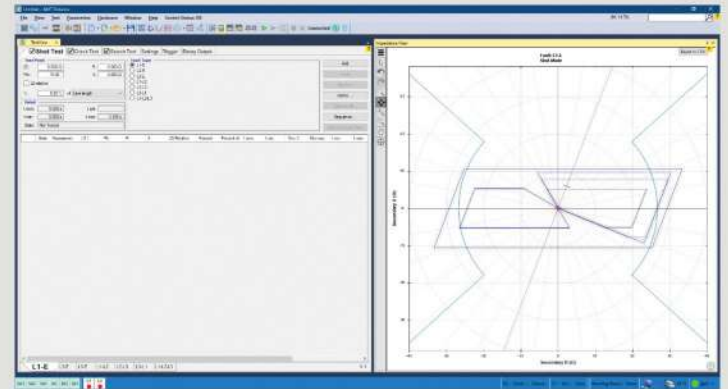
AMT Overcurrent

51/50/67 gibi akış fonksiyonlarını test etmek için



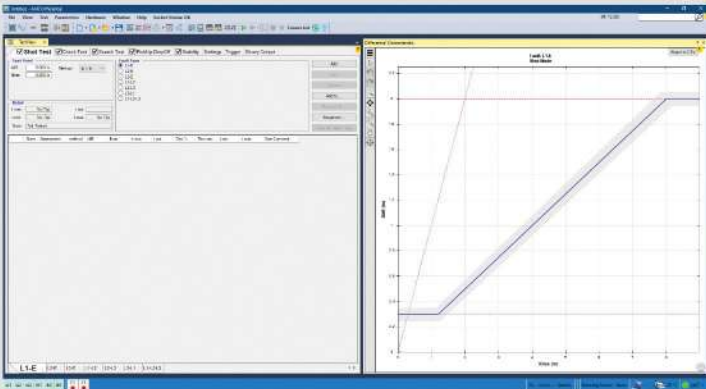
AMT Distance

Empedans fonksiyonlarını test etmek için



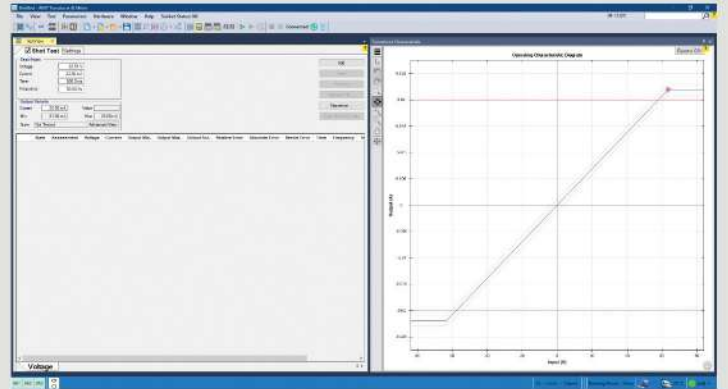
AMT Differential

Çeşitli işlevleri test etmek için



Transducer & Meter

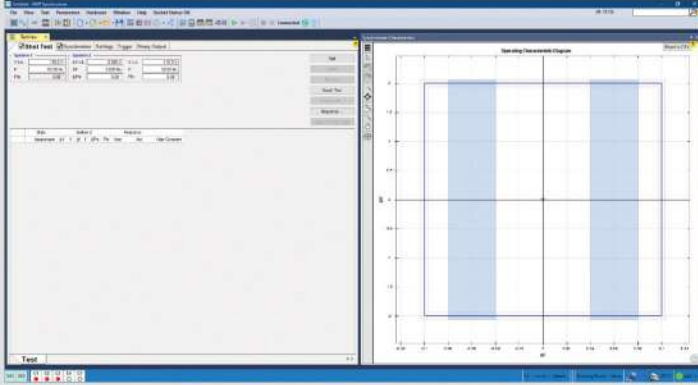
Sayaçları ve dönüştürücüleri test etmek için



AMT röle test cihazı

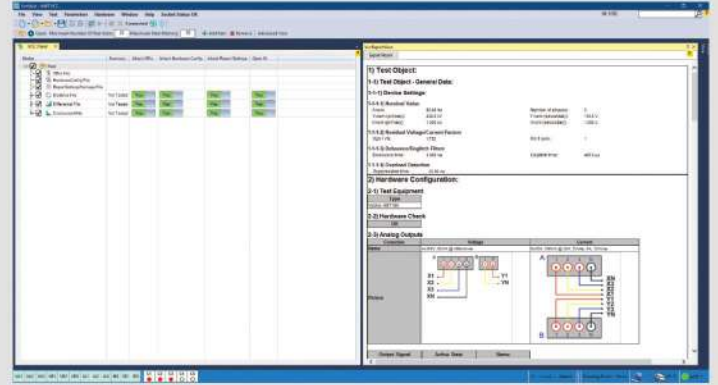
AMT Synchronizer

Senkronizör rölelerini test etmek için



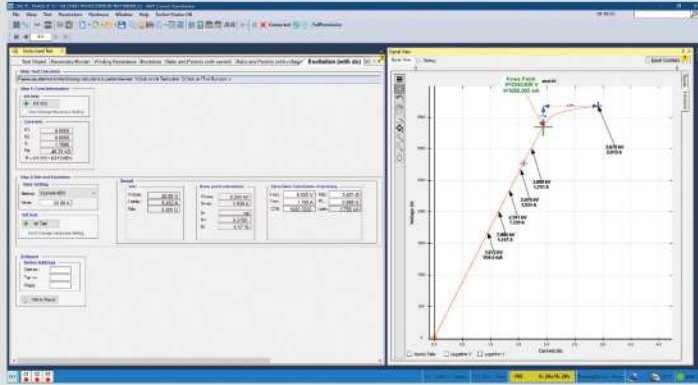
VCC

Bir röle için tasarlanmış testleri gerçekleştirmek için



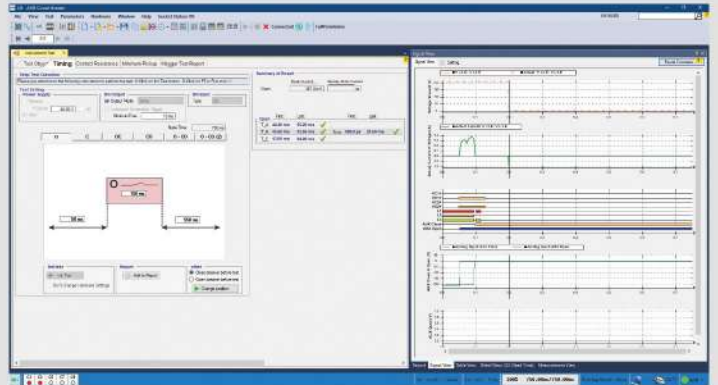
Current Transformer

CT'yi farklı sınıflarla test etmek için



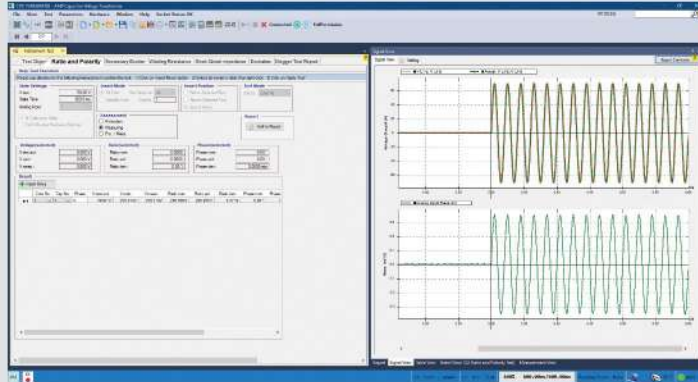
Circuit Breaker

Güç tuşlarını test etmek için



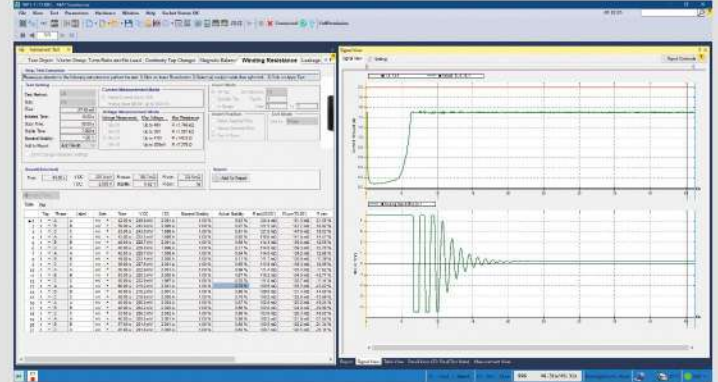
CVT

CVT'yi farklı sınıflarla test etmek için



Transformer

Çeşitli trafo testleri yapmak



AMT röle test cihazı

Satıcı Yağı

Sıra	Şirket ünvanı	Ulusal Kimliği	Aktivite çeşidi	İç dış	Milliyet	Ürün Açıklaması	Emtia grubu	Bölge	Şehir	Adres	Telefon	Faks	Eklama tarihini güncelle	Açıklama
656	Viuna Amirkabir elektrik kalitesinin işleyişinin izlenmesi	14004384990	Üretici firma	Dahili	Iran	Koruma rölesi test cihazı, AMR çok işlevli koruma rölesi, elektrik uzman grubu	67	Kazvin	Kazvin	Kazvin, Nevruzyan, Parstar Bulvarı, Hikmet CM köşesi, No.76, Ünite 5	+982833692361	+982833632038	2017/11/05	Kendinden beyan

Mobil cihazlar ve ekipmanlar



Test cihazı bavul taşıma	AMT205 Röle Test Cihazı	AMT105 Röle Test Cihazı
AMT1001 Qty : 1	AMT1050 1	AMT1003 1
Transformör Test Kelepçesi	Nutrik kombinasyon kablosu	4mm, 32 amperlik soket çapına sahip kertenkele kelepçesi
kelepçe kapağı	ağ kablosu	Güç kablosu
AMT1016 8	AMT1028 8	AMT1004 1
AMT1011 4	AMT1026 1	AMT1014 4
kapasitör seti	programlama USB Kablosu	Test teli 10 cm muz fiş çapı 4 mm, 320 amper
AMT1019 1	4 mm çapında test soketi	Optik darbe sensörü
seri dongle	4 mm çapında test soketi	GPS anteni
AMT1020 1	AMT1009 12	AMT1010 12
trans çantası	Bagaj Kapağı	Tornavida
AMT1023 1	AMT1024 1	AMT1008 1
		AMT1018 1
		AMT1017 1
		AMT1013 5
		AMT1005 5
		iletişim kablosu
		Kemer tokası
		30 cm test teli, yaylı muz fişi, 4 mm çap, izin verilen 32 amper akım
		Özel taşıma çantası
		Transformör Test kabloları
		AMT1002 1
		AMT1015 3
		AMT1012 4
		AMT1006 1
		AMT1007 1
		AMT1003 1
		AMT1002 1
		AMT1001 1
		AMT1004 1
		AMT1005 5
		AMT1006 1
		AMT1007 1
		AMT1008 1
		AMT1009 12
		AMT1010 12
		AMT1011 4
		AMT1012 4
		AMT1013 5
		AMT1014 4
		AMT1015 3
		AMT1016 8
		AMT1017 1
		AMT1018 1
		AMT1019 1
		AMT1020 1
		AMT1021 16
		AMT1022 1
		AMT1023 1
		AMT1024 1
		AMT1025 1
		AMT1026 1
		AMT1027 1
		AMT1028 8
		AMT1029 8
		AMT1030 8
		AMT1031 8
		AMT1032 8
		AMT1033 8
		AMT1034 8
		AMT1035 8
		AMT1036 8
		AMT1037 8
		AMT1038 8
		AMT1039 8
		AMT1040 8
		AMT1041 8
		AMT1042 8
		AMT1043 8
		AMT1044 8
		AMT1045 8
		AMT1046 8
		AMT1047 8
		AMT1048 8
		AMT1049 8
		AMT1050 1
		AMT1051 1
		AMT1052 1
		AMT1053 1
		AMT1054 1
		AMT1055 1
		AMT1056 1
		AMT1057 1
		AMT1058 1
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		AMT1062 1
		AMT1063 1
		AMT1064 1
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		AMT1066 1
		AMT1067 1
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		AMT1074 1
		AMT1075 1
		AMT1076 1
		AMT1077 1
		AMT1078 1
		AMT1079 1
		AMT1080 1
		AMT1081 1
		AMT1082 1
		AMT1083 1
		AMT1084 1
		AMT1085 1
		AMT1086 1
		AMT1087 1
		AMT1088 1
		AMT1089 1
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		AMT1091 1
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		AMT1094 1
		AMT1095 1
		AMT1096 1
		AMT1097 1
		AMT1098 1
		AMT1099 1
		AMT1100 1
		AMT1101 1
		AMT1102 1
		AMT1103 1
		AMT1104 1
		AMT1105 1
		AMT1106 1
		AMT1107 1
		AMT1108 1
		AMT1109 1
		AMT1110 1
		AMT1111 1
		AMT1112 1
		AMT1113 1
		AMT1114 1
		AMT1115 1
		AMT1116 1
		AMT1117 1
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		AMT1119 1
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		AMT1121 1
		AMT1122 1
		AMT1123 1
		AMT1124 1
		AMT1125 1
		AMT1126 1
		AMT1127 1
		AMT1128 1
		AMT1129 1
		AMT1130 1
		AMT1131 1
		AMT1132 1
		AMT1133 1
		AMT1134 1
		AMT1135 1
		AMT1136 1
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		AMT1139 1
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		AMT1169 1
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		AMT1171 1
		AMT1172 1
		AMT1173 1
		AMT1174 1
		AMT1175 1
		AMT1176 1
		AMT1177 1
		AMT1178 1
		AMT1179 1
		AMT1180 1
		AMT1181 1
		AMT1182 1
		AMT1183 1
		AMT1184 1
		AMT1185 1
		AMT1186 1
		AMT1187 1
		AMT1188 1
		AMT1189 1
		AMT1190 1
		AMT1191 1
		AMT1192 1
		AMT1193 1
		AMT1194 1
		AMT1195 1
		AMT1196 1
		AMT1197 1
		AMT1198 1
		AMT1199 1
		AMT1200 1

AMT röle test cihazı

Aksesuarlar

(*) : Temel Modül Gerekir



Temel Modül

Bas Modülü

AMT1030

(*)



CB Test Modülü

AMT1031

(*)



CT ve CVT Test Modülü

AMT1033

(*)



Transformatör Test Modülü

AMT1032

(*)



Röle Test Cihazı ve Yüksek Gerilim Modülü

AMT1039

(*)



Kalibrasyon Modülü

AMT1035



10 Milli OHM Şant Modülü

AMT1038



High Volta Yüksek Gerilim Lineer Regülatör Modülü

AMT1046



İzolasyon Direnci Ölçüm Modülü

AMT1040



Ark Flaş Modülü

AMT1051



Elektronik Röleler Test Modülü

AMT1034

AMT röle test cihazı

Müşteri listesi

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 Niroo Novin Iranian	1	0
Consulting	4	0	Sardasht Hydropower Plant	1	0	Mahabad Petrochemical	1	0	Asa Electrical Engineering	1	0
Hoodad Niroo 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	Niroo 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 Niroo 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	129	4	Arvand Petrochemical	1	0	CV Kiat Energi (IDN)	1	0
Fars Regional Electricity	1	0	Azarbaijan Elictrical Power Maintenance	4	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 Niroo	9	0	Kermanshah Polymer	1	0	Power Substation Contractor	67	1
Bakhtar Regional Electric	1	0	Akhtar Bargh	13	0	Kavian Petrochemical	1	0	Sanat Niroo 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)	28	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 Niro Hormozgan	4	0	Engineering	50	2	Power Team	1	0
Isfahan Regional Electric	1	0	Niroo Faraz Jonub Shargh	6	0	Zarrin Samane Shargh	1	0	Iranian Power Energy Innovators (IRN)	1	0
Power Plant	30	0	Azarakhsh Transmission Power	12	0	Talash Sanat Dirin Daghigh	0	1	Niroo Sanat Iranian	1	0
Chabahar Combined Cycle Power Plant	1	0	Bakhtar Production and Transmssion of Electricity (Betanir)	13	4	Fanavaran Energy Toos Co	5	0	Niroo 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 Niroo	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 Niroo	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 Niroo 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	Gostaresh 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 Niroo (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 Niroo Consulting Engineers	1	0	South Pimaneh Energy	1	0
			Shiraz Petrochemical	1	0	Power Grid Solution (AUS)	1	0	Pars Power	1	1
			Lorestan Petrochemical	1	0	Parto Parsian Energy	1	0	Niru Danesh Espadana	1	0
						Kavosh Niroo Gostar Pazh Company	2	0	Tabdil Niroo Aria	1	0
									Roshan Gostar Toos	1	0
									Karmania Voltage	1	0

AMT röle test cihazı

Müşteri listesi

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	Fanavar Sanat 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. Molaie	1	0
									Mr. Nasr	1	0
									Mr. Mirmohammadi	1	0
									Mr. Masoud Karimi	1	0
									Mr. Farhadi	1	0

AMT röle test cihazı

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									

Dışa Aktarılan Cihazların İstemci Listesi

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 SARL	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.Made Arimbawa	2	0	Trading	1	0	NTL Locacoes De Equipamentos I. LTDA	10	0	Mr.Heydar Abbas	1	0
Kenyan customer	1	0	Turkuaz Group	1	0	Power Substation	17	0	Al_Ghazi Company	1	0
.INE Co	1	0	Real Person	12	0	Mr. Khalilinia	1	0	NS ENGINEERS	3	0
									BV Engineering Ltd	1	0
									Wilfred Amen Asonmonriri	1	0

İletişim

Merkez Ofis 1

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