

EPOXY CAST RESIN PRODUCTS



Europower Enerji ve Otomasyon Teknolojileri San. Tic. A.Ş.



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ABOUT US

As a group, we are one of the leading engineering, EPC contracting, sales and marketing groups in Eastern Europe, Mediterranean and Middle East, actively and successfully operating in all EMEA region. We offer a very wide range of products and services to a large number of key customers in many different industries and have been working successfully for over 20 years in thousands of projects, offering our services and products with top-level customer satisfaction to 70 countries on 5 continents around the world.

With a qualified and customer-focused team consisting of 1600+ people and 160+ engineers in our group, we offer a global, fast and unlimited supply chain for our customers' needs about all kinds of LV, MV, HV electrical and electromechanical solutions, systems and products for power generation, transmission and distribution. We have a high level of industrial and commercial know-how combined with decades of international engineering, contracting, supplying, sales and marketing experience.

Successfully being in partnerships and collaborations with many international key companies and industry giants which are all major players in their specialized business areas, we work as their solution partners or offer a wide variety of their products and services.

We consistently deliver high quality products and turn-key services for high-profile clients in a wide variety of industries with our global partners & decades of international experience.



BOARDMEMBERS



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Mesut BAZ
Board Member
Domestic Trade Director

A. Gökhan ÖZTÜRK
Electrical - Electronics Engineer
Vice President
International Trade Director

M. Behiç HARMANLI
Electrical Engineer (M.Sc.)
President
Chairman of the Board

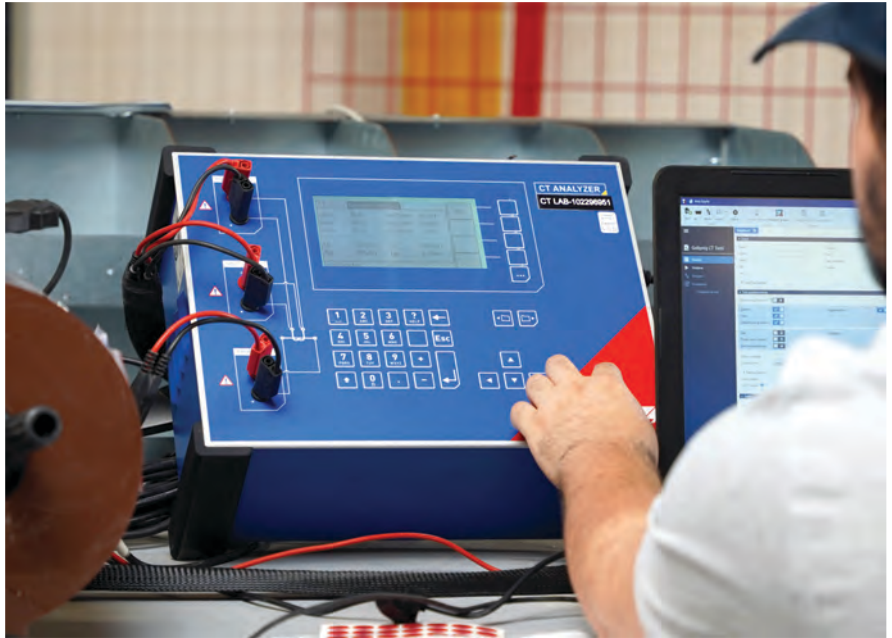
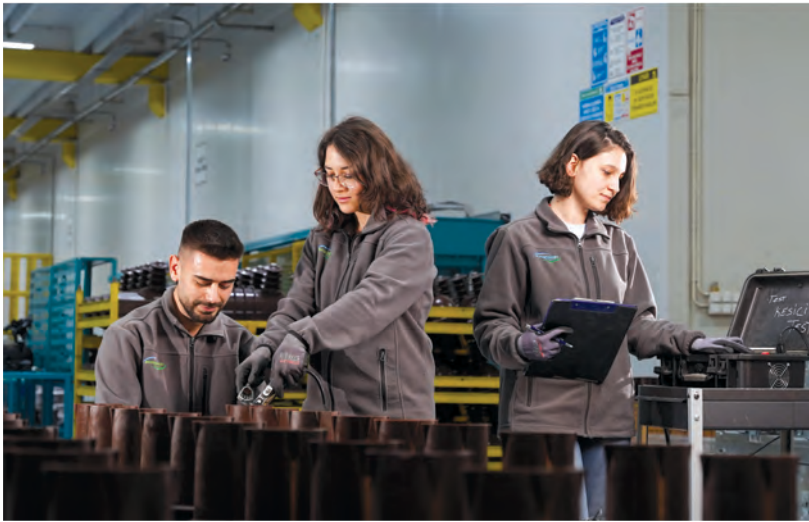
Ramin MALEK
Electrical - Electronics Engineer
Board Member
General Manager



Epoxy Equipments & Instrument Transformers

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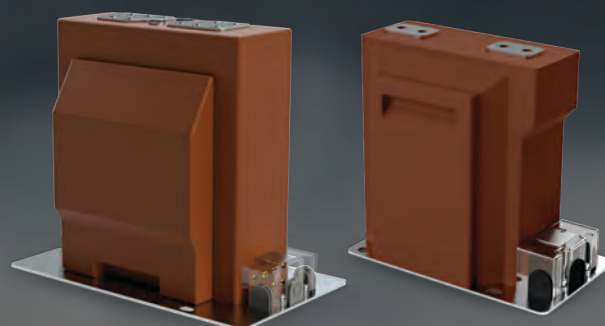
Our Manufacturing and Testing Area

INDOOR TYPE INSTRUMENT TRANSFORMERS

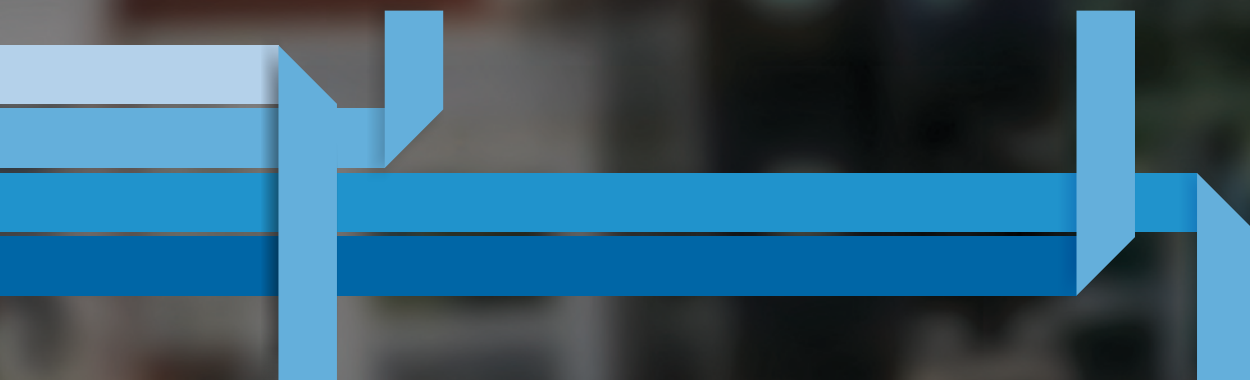




▶ TORODIAL CURRENT TRANSFORMERS



▶ SUPPORT CURRENT TRANSFORMERS



▶ SPECIAL TYPE CURRENT TRANSFORMERS



▶ VOLTAGE TRANSFORMERS



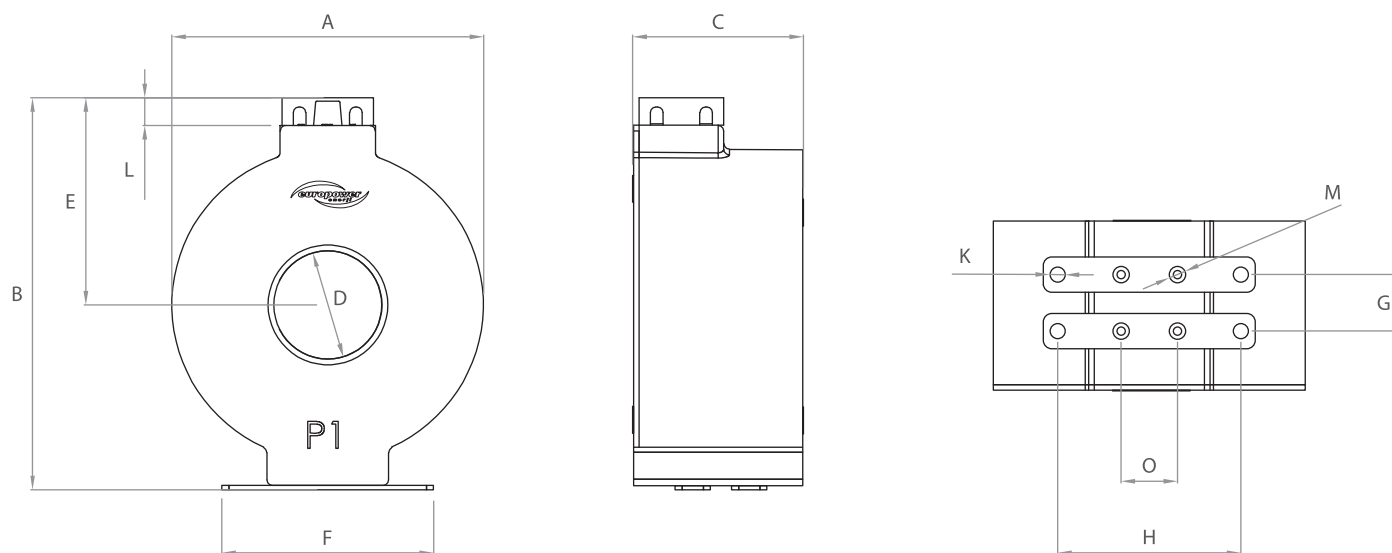
Torodial Current Transformers

EuroCT-T Type



TYPES	KAT-X/195 - X	KAT-X/220 - X
Primary rated current (A)	40.....4000 A	40.....4000 A
Secondary rated current (A)	1 - 1,5 - 2 - 2,5	1 - 1,5 - 2 - 5
Metering classes	0,2 - 0,2S - 0,5 - 0,5S - 1 - 3 - 5	0,2 - 0,2S - 0,5 - 0,5S - 1 - 3 - 5
Protection classes	5P - 10P; CI:PX	5P - 10P; CI:PX
Rated short-time thermal current (I _{th}) (1s) (kA)	max.100	max.100
Rated dynamic current (I _{dyn}) (kA)	Practically unlimited	Practically unlimited
Insulation class	E	E
Ambient temperature (°C)	-25.....+40	-25.....+40
Altitude (m)	1000	1000
Standard	IEC 61869-2	IEC 61869-2
Operating voltage, U _m (kV)	0,72	0,72
Rated power-frequency withstand voltage (1 minute) (kV)	3	3
Rated frequency (Hz)	50-60	50-60

INDOOR TYPE INSTRUMENT TRANSFORMERS



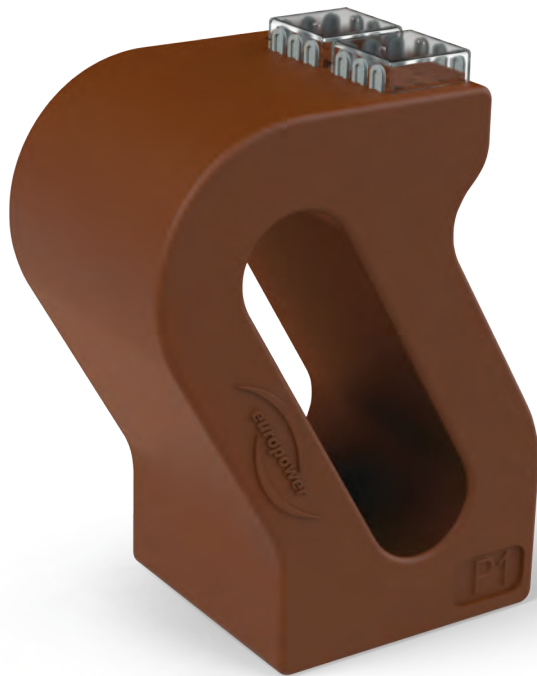
Dimensions (mm)

Euro CT-T Type	A	B	C	D	E	F	G	H	K	L	M	O
KAT-75/220-120	220	275	120	75	150	100	40	150	M8	20	M8	40
KAT-75/220-150	220	275	150	75	150	100	40	150	M8	20	M8	40
KAT-75/220-170	220	275	170	75	150	100	40	150	M8	20	M8	40
KAT-80/195-160	195	260	165	80	145	100	40	150	M8	20	M8	30
KAT-75/190-120	190	260	125	75	145	100	40	150	M8	20	M8	30
KAT-75/180-175	180	260	175	75	145	100	40	150	M8	20	M8	40



Special Type Current Transformers

EuroESP Type

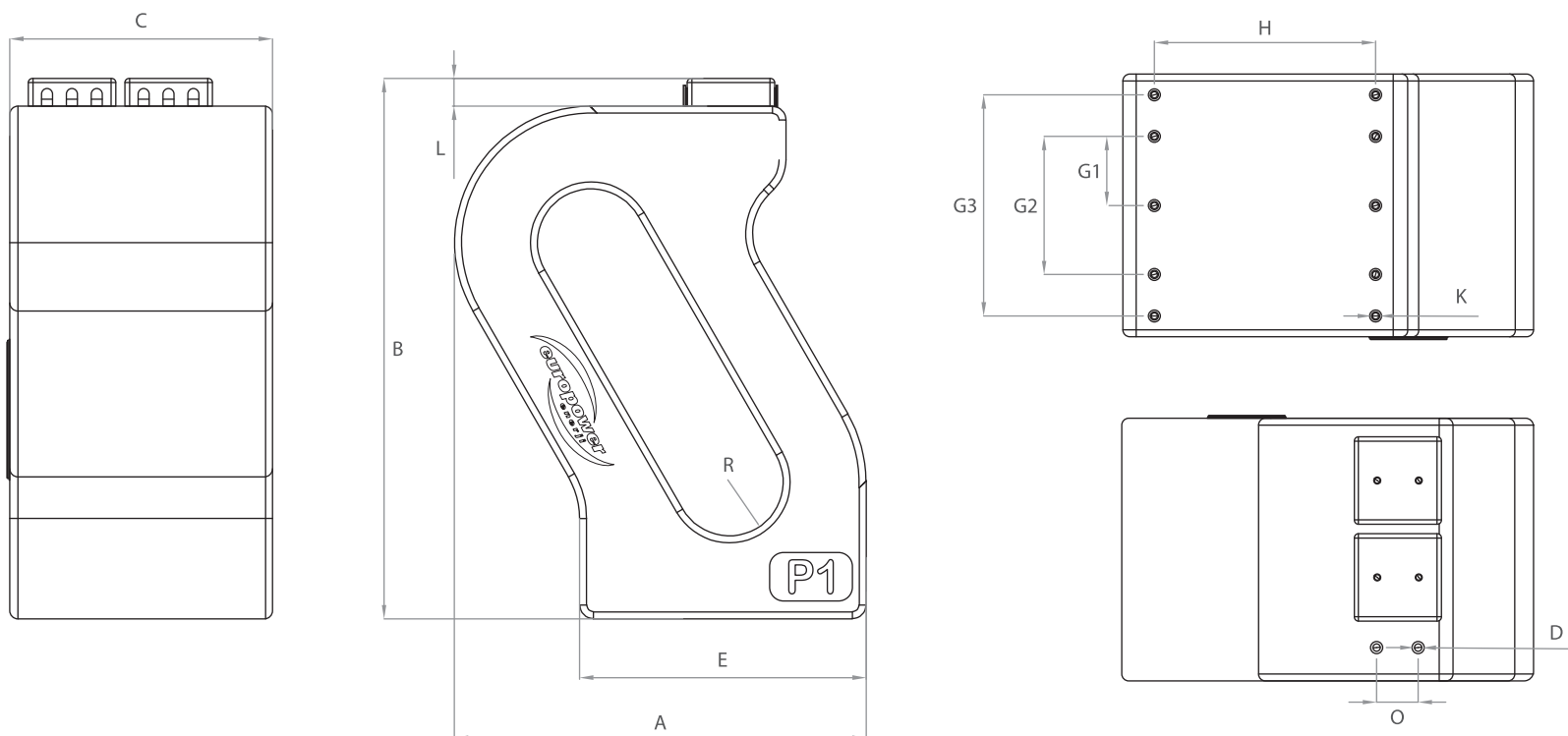


The current transformer, which we refer to as a special internal type transformer, has been designed for use in gas-insulated systems. This design was first developed within Europower Energy. The transfer of the current in the system is not done through the primary current cables but via bushings. These bushings are specially designed, and the system uses two of them instead of a single one.

The production, completed, has a nominal short-time thermal current (I_{th}) of 25 kA for 1 second.

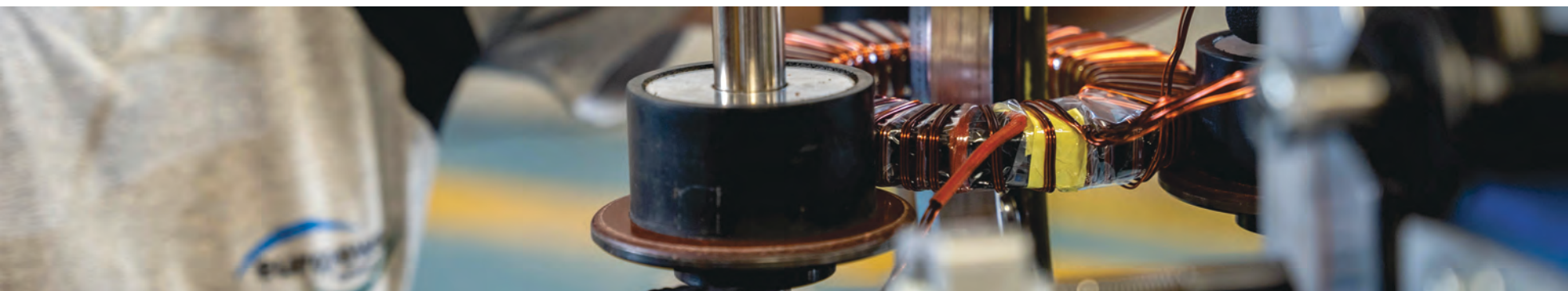
TYPES	ESP - X
Primary rated current (A)	1000.....4000 A
Secondary rated current (A)	1 - 1,5 - 2 - 5 A
Metering classes	0,2 - 0,2S - 0,5 - 0,5S - 1 - 3 - 5
Protection classes	5P - 10P; CI:PX
Rated short-time thermal current (I _{th}) (1s) (kA)	25
Rated dynamic current (I _{dyn}) (kA)	Practically unlimited
Insulation class	E
Ambient temperature (°C)	-25.....+40
Altitude (m)	1000
Standard	IEC 61869-2
Operating voltage, U _m (kV)	0,72
Rated power-frequency withstand voltage (1 minute) (kV)	3
Rated frequency (Hz)	50-60

INDOOR TYPE INSTRUMENT TRANSFORMERS



Dimensions (mm)

	A	B	C	D	E	G1	G2	G3	H	K	L	O	R
ESP-1	298	391	190	M5	207	50	100	160	160	M8	20	30	39
ESP-2	297	390	60	M5	206	30	x	x	160	M8	20	30	39,5





Support Current Transformers

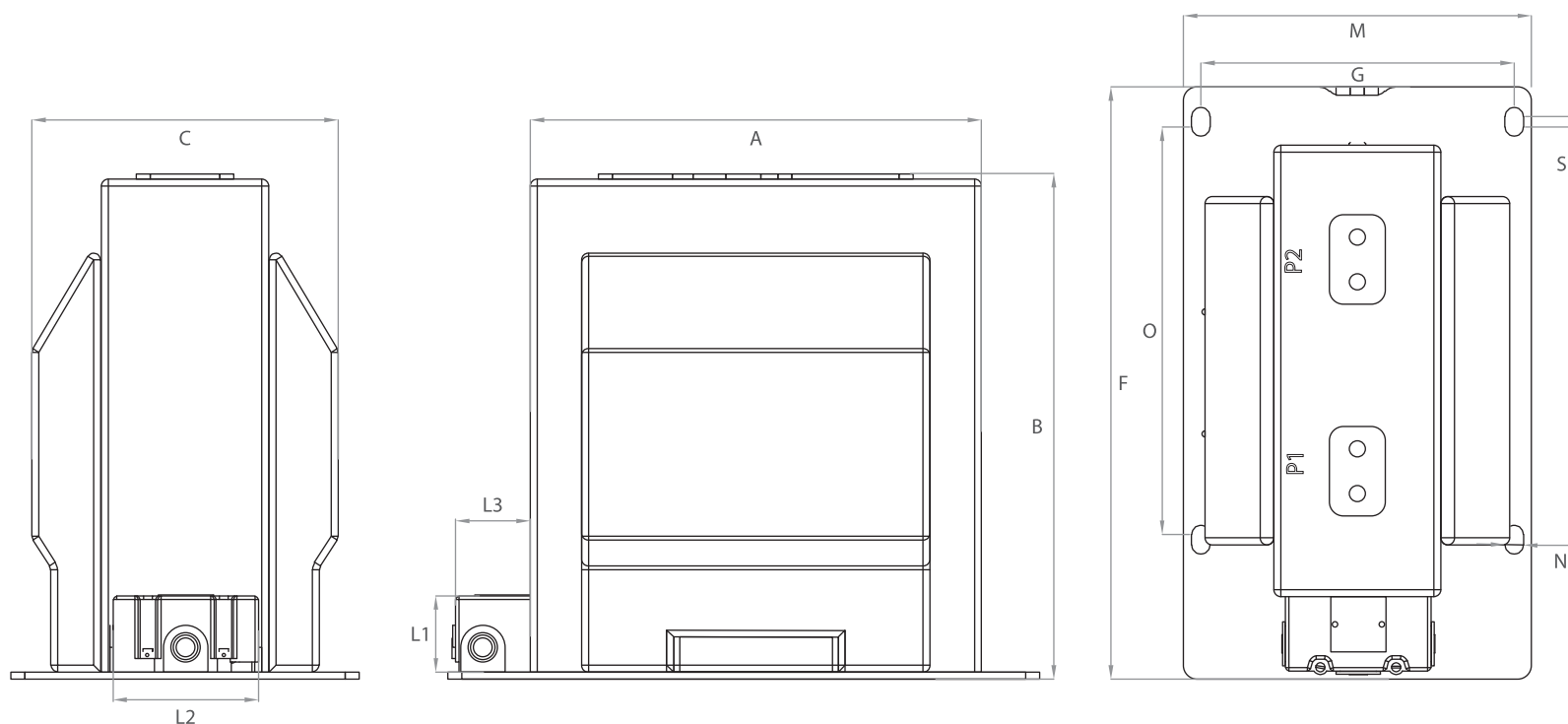
EuroCT-B Type



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TYPES	ECT-B 36-1, ECT-B 36-2, ECT-B 36-1T, ECT-B 36-2T
Operating voltage, Um (kV)	Up to 36
Rated power-frequency withstand voltage (1 minute) (kV)	70 / 85
Rated impulse test voltage (1,2/50 μ s) full wave (kV)	170 / 200
Rated frequency (Hz)	50 - 60
Primary rated current (A)	5 - 4000 A
Primary reconnection (A)	2x5 - 2x1000 (On request 4000A 1.0 cln / Cont.) Insulation class B
Secondary rated current (A)	1 - 1,5 - 2 - 5 A
Standard	IEC 61869-2
Metering classes	0,2 - 0,2S - 0,5 - 0,5S - 1 - 3 - 5
Protection classes	5P - 10P; CI:PX
Rated short-time thermal current (I _{th}) (1s) (kA)	max.1000 x I _n
Rated dynamic current (I _{dyn}) (kA)	2,5 x I _{th}
Short-time load (mechanical) (N)	5000
Insulation class	E
Ambient temperature (°C)	-25 +40
Altitude (m)	1000
Weight (approx.) (kg)	40 - 55

INDOOR TYPE INSTRUMENT TRANSFORMERS



Dimensions (mm)

Euro CT-B Type	A	B	C	F	G	L1	L2	L3	M	N	O	S
ECT-B 36-1	260	365	220	385	225	55	105	53	250	14	292,5	10
ECT-B 36-2	320	365	240	425	225	55	105	53	250	14	292,5	10
ECT-B 36-1T	260	395	220	385	225	55	105	53	250	14	292,5	10
ECT-B 36-2T	320	395	240	425	225	55	105	53	250	14	292,5	10

- Tolerances are according to DIN 7168-g when not specified.
- Up to 4 cores. *On request with capacitive layer.

Europower reserves the right to change the specifications and the dimensions of the goods. Please ask for updated information. Customer designed products are also available.



Support Current Transformers

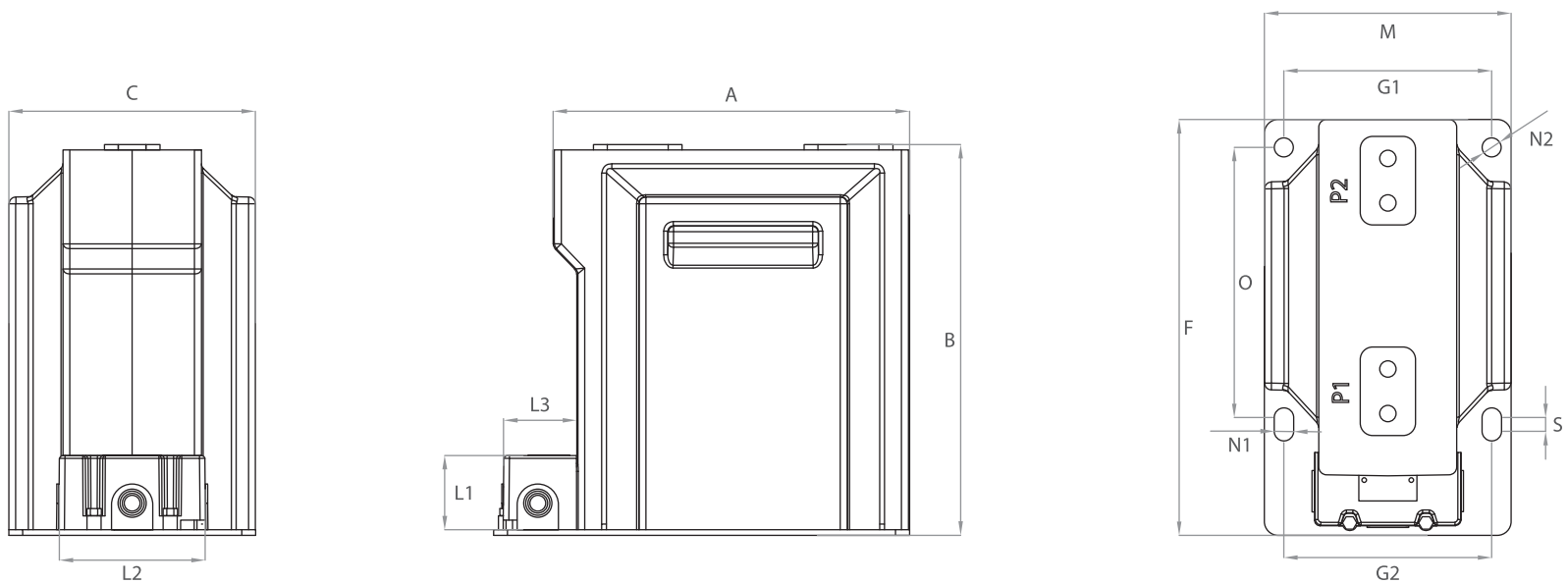
EuroCT-B Type



	Cores (up to)	With capacitive layer (on request)	With barrier (on request)
ECT 24-15	2	•	
ECT 24	4	•	
ECT 24-B	4	•	•
ECT 24-3	5	•	
ECT 24-3B	5	•	•

TYPES	ECT 24-15, ECT 24, ECT 24-B, ECT 24-3, ECT 24-3B	
Operating voltage, Um (kV)	up to 24	
Rated power frequency withstand voltage (1 minute) (kV)	50	
Rated impulse test voltage (1,2/50 μ s full wave) (kV)	125	
Rated frequency (Hz)	50-60	
Primary rated current (A)	1250 A	5 - 4000 A
Primary reconnection (A)	2x5..2x600	2x5... 2x1000
Secondary rated current (A)	1 - 1,5 - 2 - 5	
Metering classes	0,2S - 0,2 - 0,5S - 0,5 - 1 - 3 - 5	
Protection classes	5P - 5PR - 10P - 10PR - PX - TPS	
Rated short-time thermal current (Ith) (1s) (kA)	max. 1000xIn	
Rated dynamic current (Idyn) (kA)	2,5 - 2,65 *Ith	
Short-time load (mechanical) (N)	5000	
Insulation class	E - B **	
Ambient temperature (°C)	-25 +40 *	
Altitude (m)	1000	
Standard	61869-2	

INDOOR TYPE INSTRUMENT TRANSFORMERS



Dimensions (mm)

A	B	C	F	G1	G2	L1	L2	L3	M	N1	N2	O	S
257	282	178	300	150	150	55	105	53	178	14	14	195	10





Voltage Transformers

EuroEVT Type



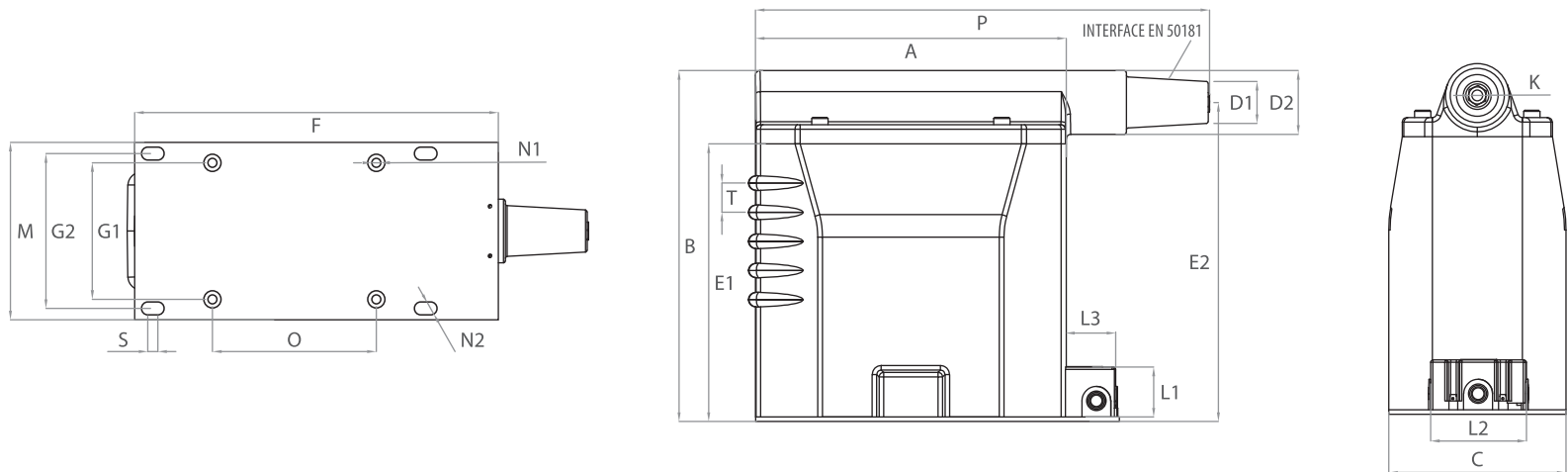
EuroEVT Type



TYPES	EVT 36, EVT 36-T, EVT 36-FE, EVT 36-FS
Highest voltage for equipment, Um (rms) up to (kV)	36 - 40,5 *
Rated power-frequency withstand voltage (kV)	70 - 85 *
Rated impulse test voltage (1,2/50 μ s) full wave (kV)	170 - 200 *
Rated frequency (Hz)	50 or 60 *
Rated primary voltage, Un (max.) (kV)	36/ $\sqrt{3}$ - 40,5/ $\sqrt{3}$
Secondary Voltage (V)	100/ $\sqrt{3}$, 100/3, 110/ $\sqrt{3}$, 110/3, 120/ $\sqrt{3}$, 120/3 *
Rated burden (max.) in class 0,2 (VA) / 0,5 (VA) / 1 (VA)	50 / 120 / 250
Rated burden for protection purpose in class 3P (VA)	100
Rated voltage factor (30 sec. or 8h) (Un)	1,9
Insulation class	E - B **
Ambient temperature (°C)	-25 +40 *
Altitude (m)	1000 *
Weight (approx.) (kg)	50 - 60
Standard	According to the customer request

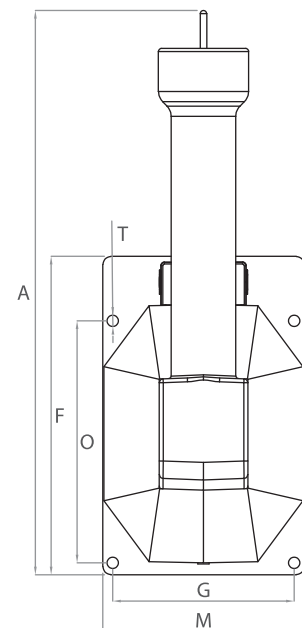
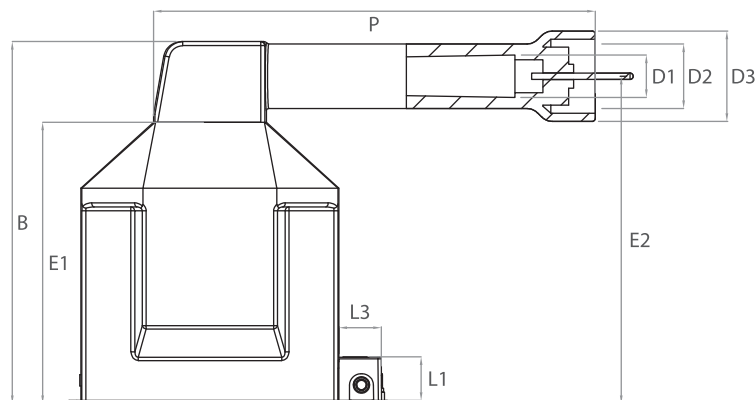
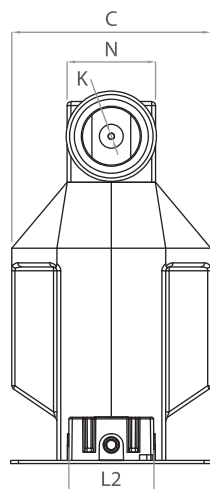
The voltage transformers you have examined can be produced as fused and unfused types upon request.

INDOOR TYPE INSTRUMENT TRANSFORMERS



Dimensions (mm)

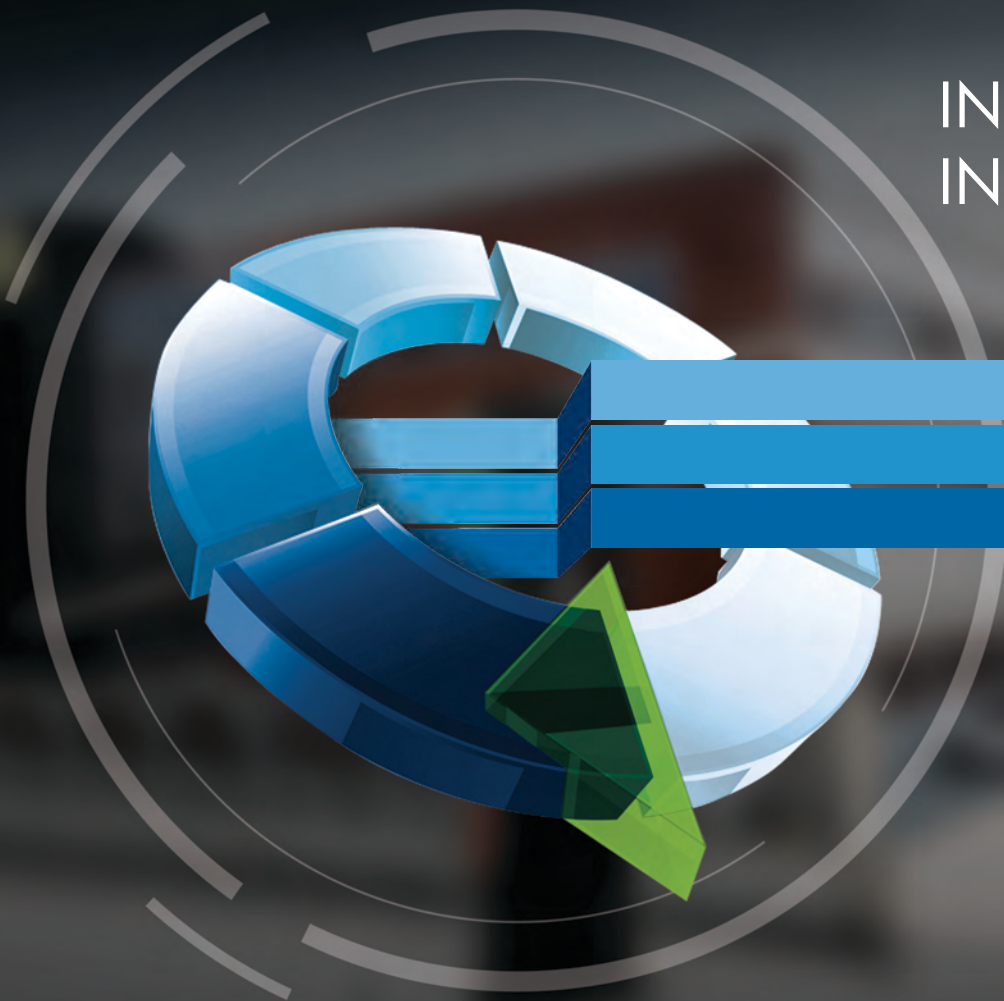
A	B	C	D1	D2	E1	E2	F	G1	G2	K	L1	L2	L3	M	N1	N2	O	P	S	T
340	386	195	46,2	70	305	350,5	400	150	170	12	55	105	53	195	10	14	180	498	11	32

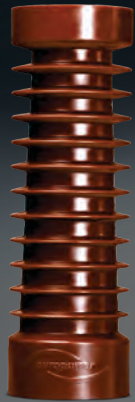


Dimensions (mm)

A	B	C	D1	D2	D3	E1	E2	F	G	K	L1	L2	L3	M	N	O	P	T
700	449	247	53,5	80	112	349	406	395	225	8	55	105	53	250	110	300	548	14

INDOOR TYPE
INSULATORS





CAPACITIVE AND
POST INSULATORS

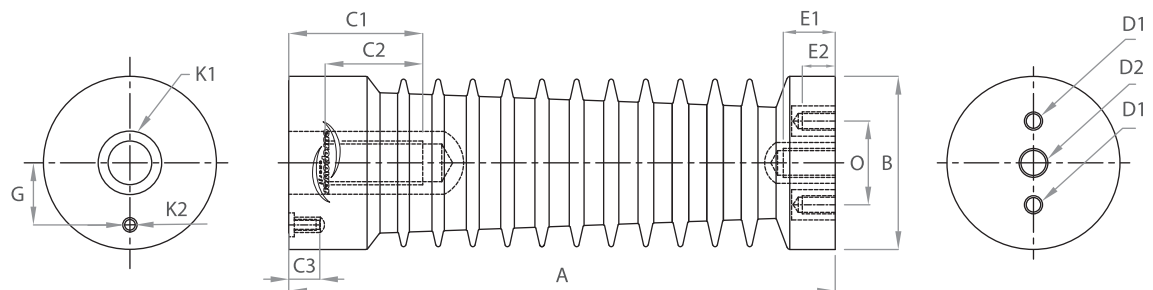


WALL BUSHINGS



ROD INSULATORS

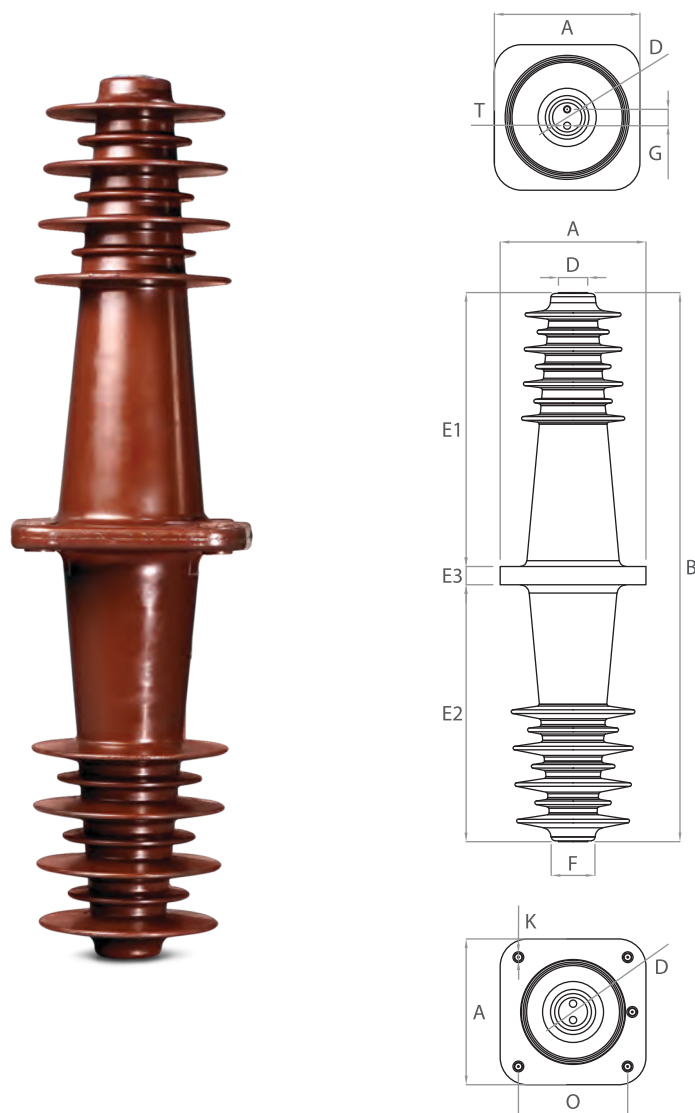
Capacitive & Post Insulators



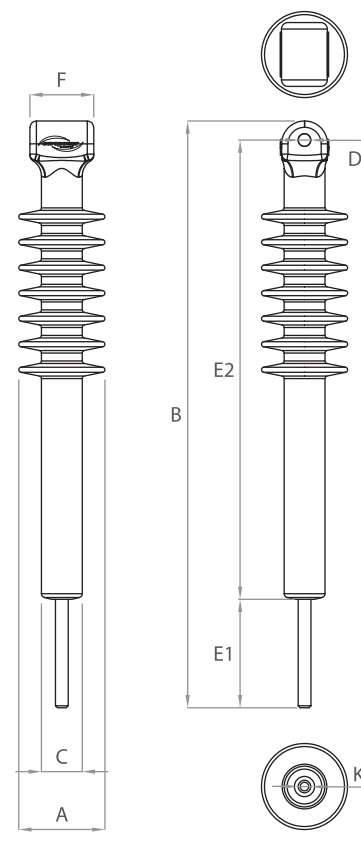
Type	Um (kV)	Min. Creepage (mm)	Ripples	Capacitance (pF)	Min. Bending	Dimensions (mm)													Weight (kg)
						A	B	C1	C2	C3	D1	D2	E1	E2	K1	K2	O	G	
10N1000	12	150	4	16 pF	10000	130	82	34,25	17,58	17	M10	M16	27,78	16,07	M20	M6	48	30	1,1
20N1000	24	300	11	15 pF	10000	210	85	61,25	44,58	17	M10	M16	28,58	18,07	M20	M6	46	31,5	1,74
30N1000	36	450	11	15 pF	10000	300	95	73,5	53,5	17	M10	M16	28,5	18,07	M24	M6	46	34	2,9
40N1000	40,5	506	12	15 pF	10000	380	110	73,5	53,5	17	M10	M16	28,5	18,07	M24	M6	46	34	5,08
30N500	36	450	8	15 pF	6000	300	80	49	35,67	17	M10	M16	21,5	10,84	M16	M6	36	34	1,89

INDOOR TYPE INSULATORS

Wall Bushings



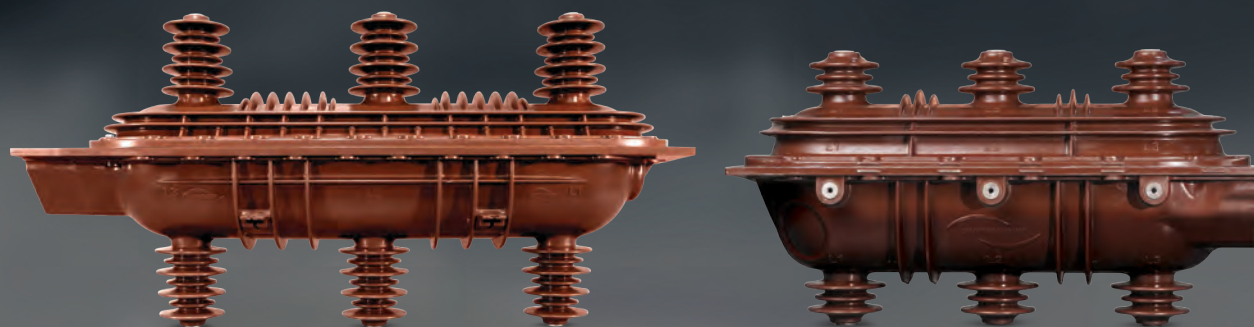
Rod Insulators



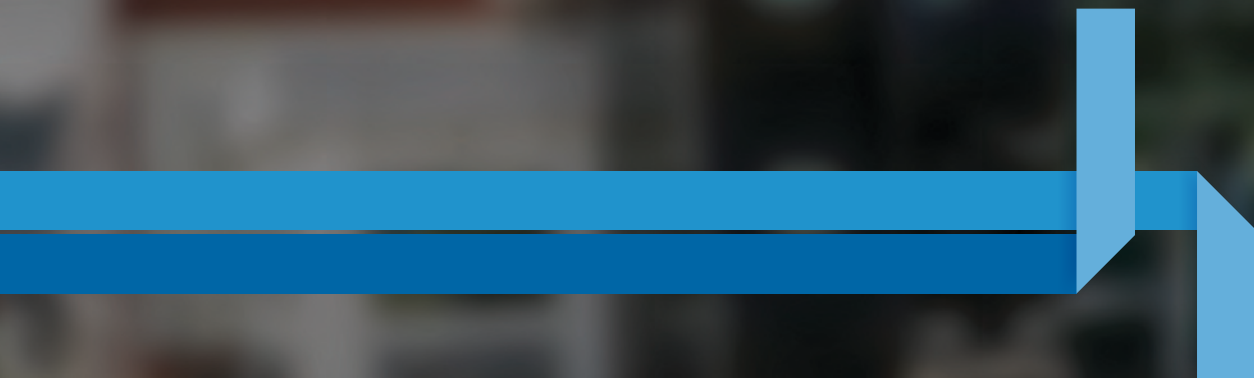
Type	U _m (kV)	Dimensions (mm)											
		A	B	C	D	E1	E2	E3	F	G	K	O	T
Wall	36	160	603	x	32	300	282	20	48	18	M8	120	M8
Rod	36	67,5	460	32	10	85	360	x	50	x	10	x	x

SF6 GAS INSULATED EQUIPMENT





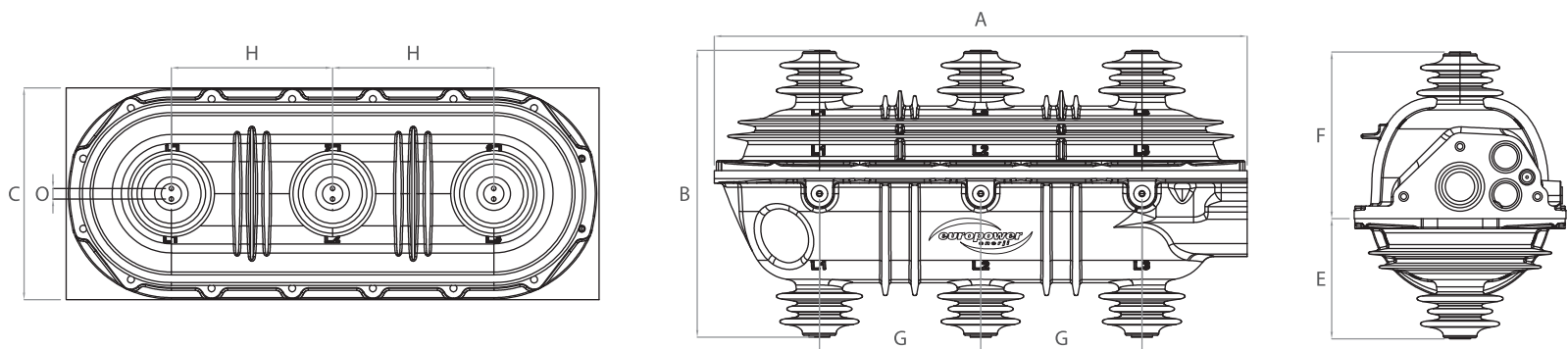
▶ LOAD BREAK SWITCH
with SF6 GAS



▶ CIRCUIT BREAKER POLES
with SF6 GAS

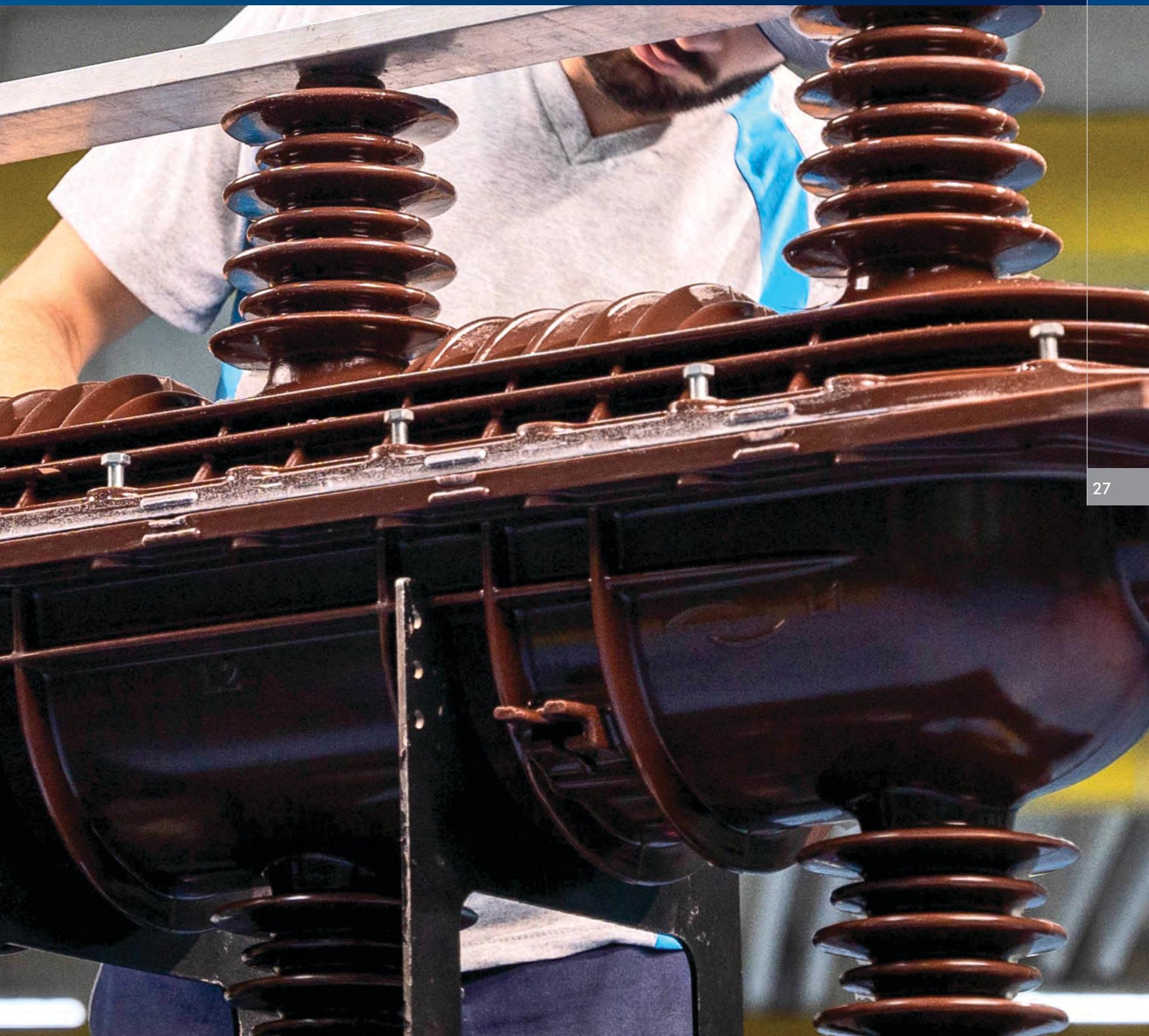


Load Break & Disconnect Switch with SF6 Gas



Um (kV)	Im (A)	Dimensions (mm)							
		A	B	C	E	F	G	H	O
36	630	1175	588	302	260	329	350	350	15
36	1250	1175	588	302	260	329	350	350	15
24	630	760	409	302	172	238	230	230	15
24	1250	760	409	302	172	238	230	230	15

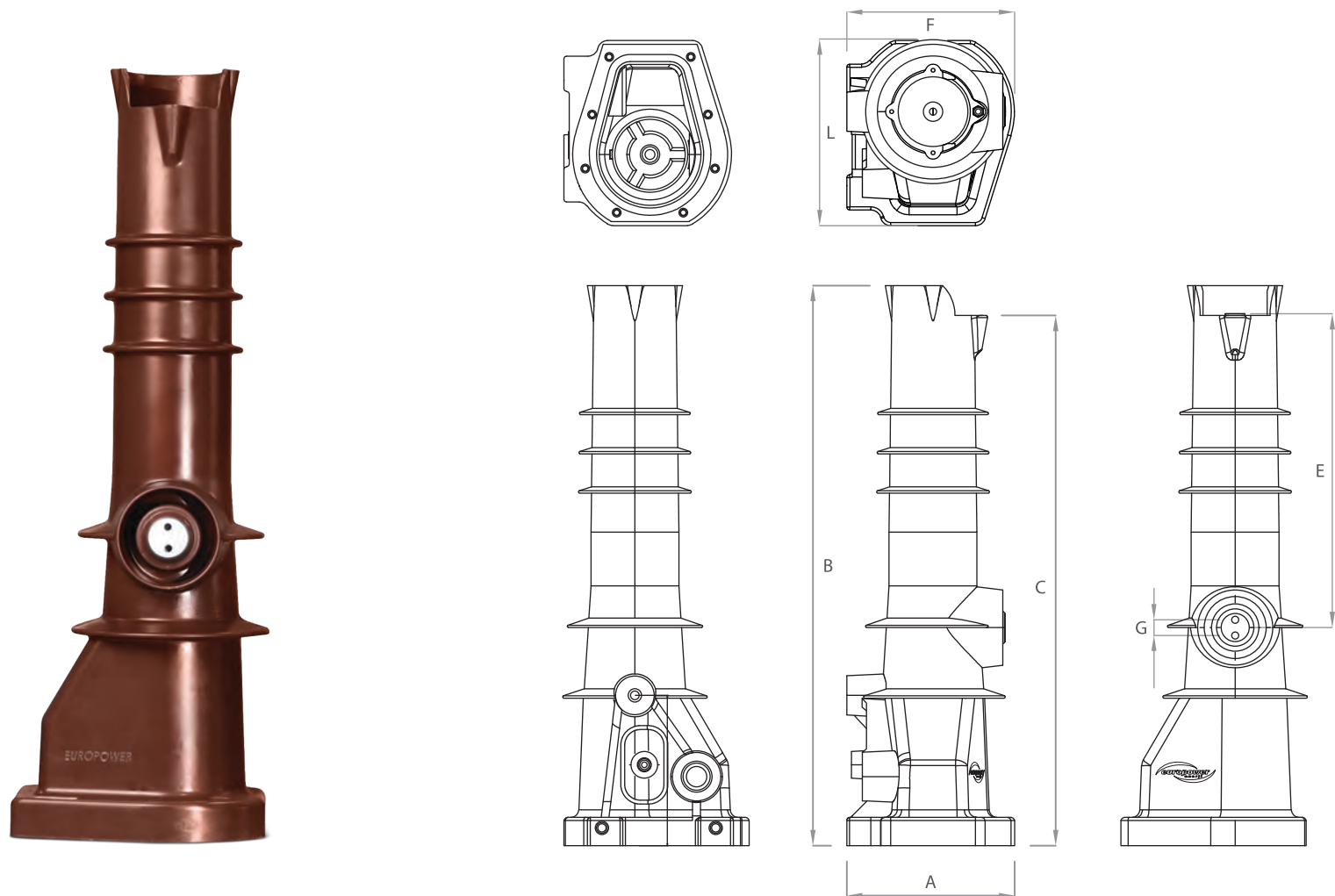
SF6 GAS INSULATED EQUIPMENT





SF6 GAS INSULATED EQUIPMENT

Circuit Breaker Poles with SF6 Gas



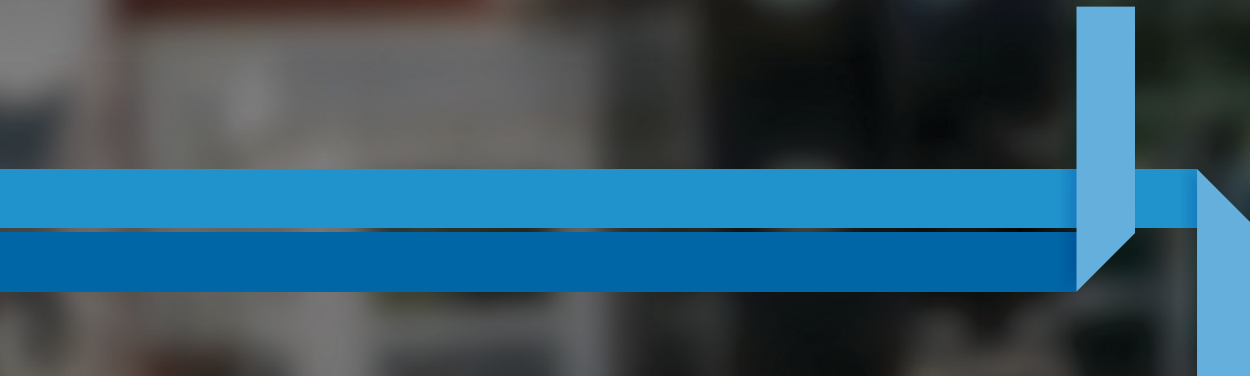
Um (kV)	Im (A)	Dimensions (mm)						
		A	B	C	E	F	G	L
36	630	214	714	676	278	214	20	238
36	1250	214	714	676	276	214	20	245

INDOOR TYPE BUSHINGS FOR TRANSFORMERS & GIS SWITCHGEARS





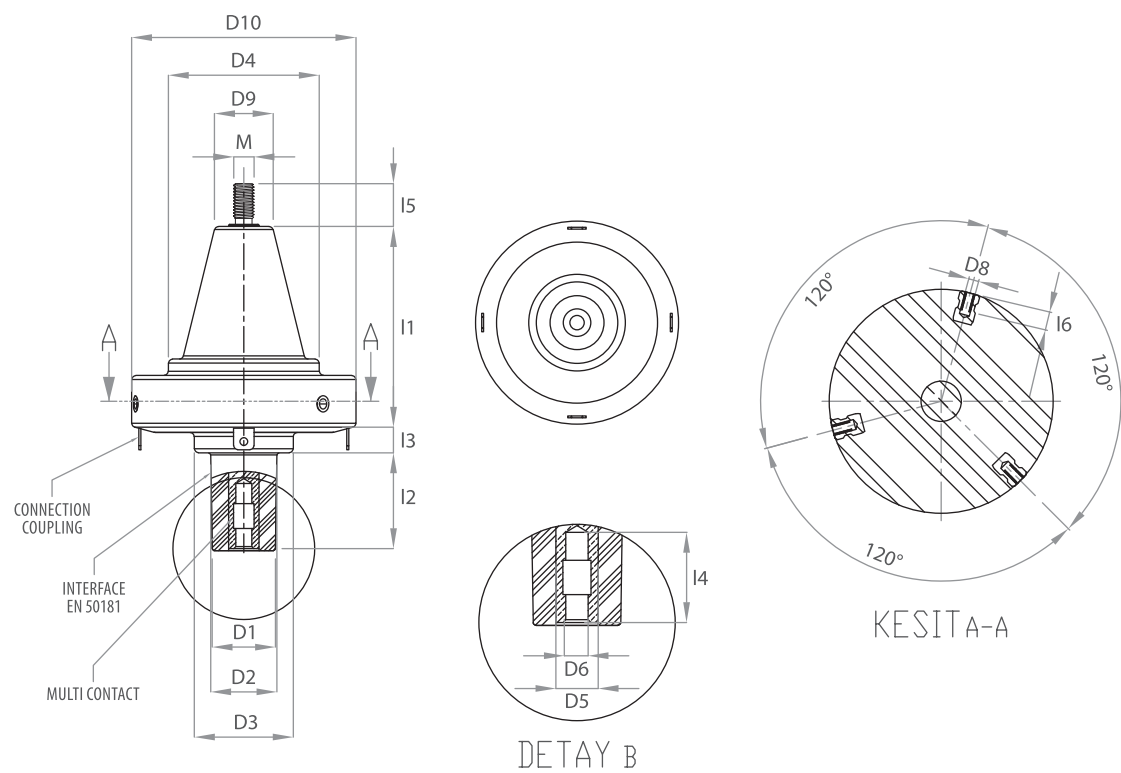
▶ PLUG-IN BUSHINGS



▶ BOLTED BUSHINGS



A Type Plug-In Bushings



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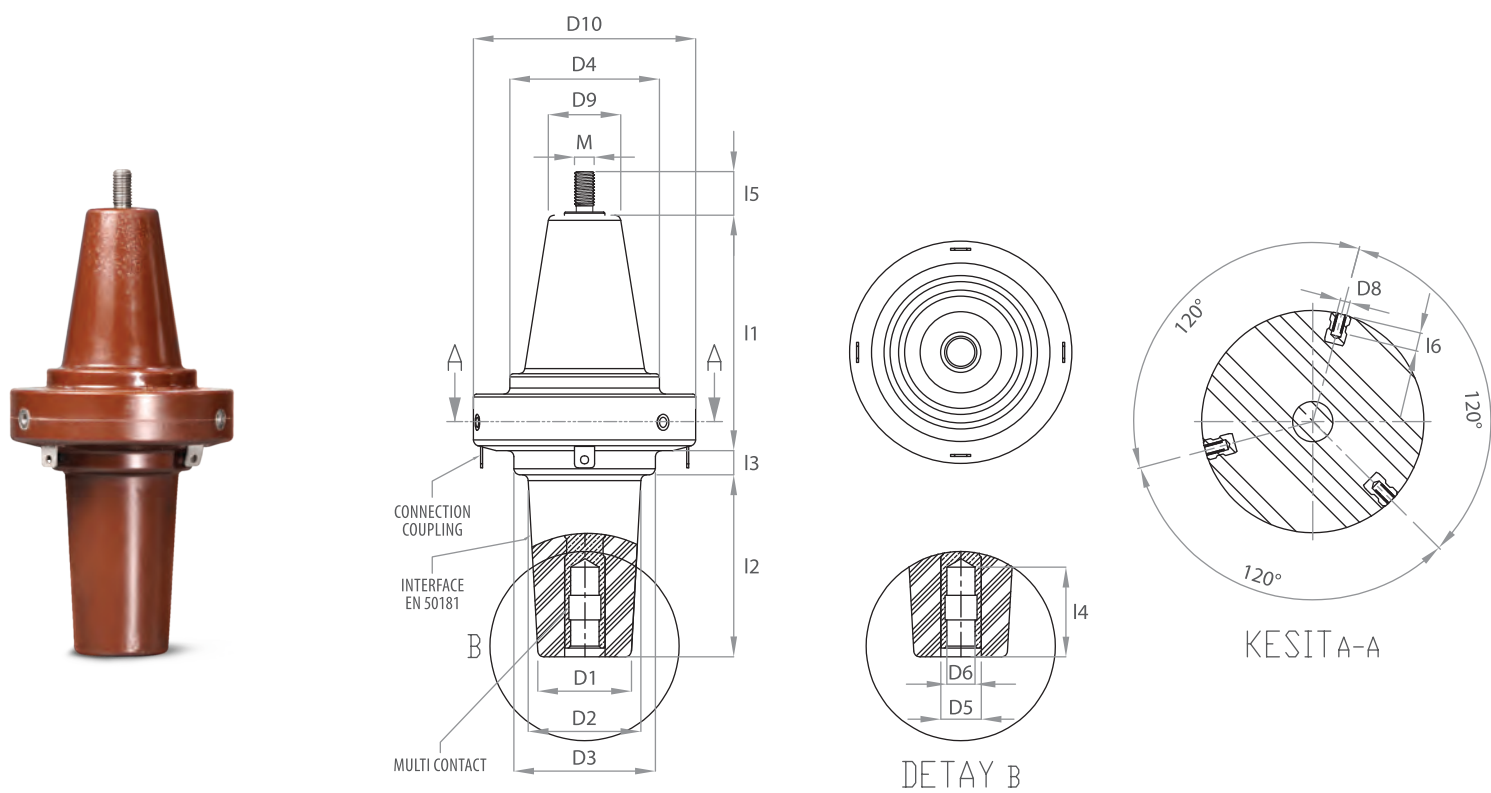
Oil Type																			
Contact Type	Interface Type	Um (kV)	Im (A)	Dimensions (mm)															
				D1	D2	D3	D4	D5	D6	D8	D9	D10	I1	I2	I3	I4	I5	I6	M
Plug-in	A1	12-24	250	31	32,5	48,5	74	15	7,9	M5	28	110	98,5	48	10	38	21,5	15	M10

Bushings are used in oil type distribution transformers and ring main units.

INDOOR TYPE BUSHINGS

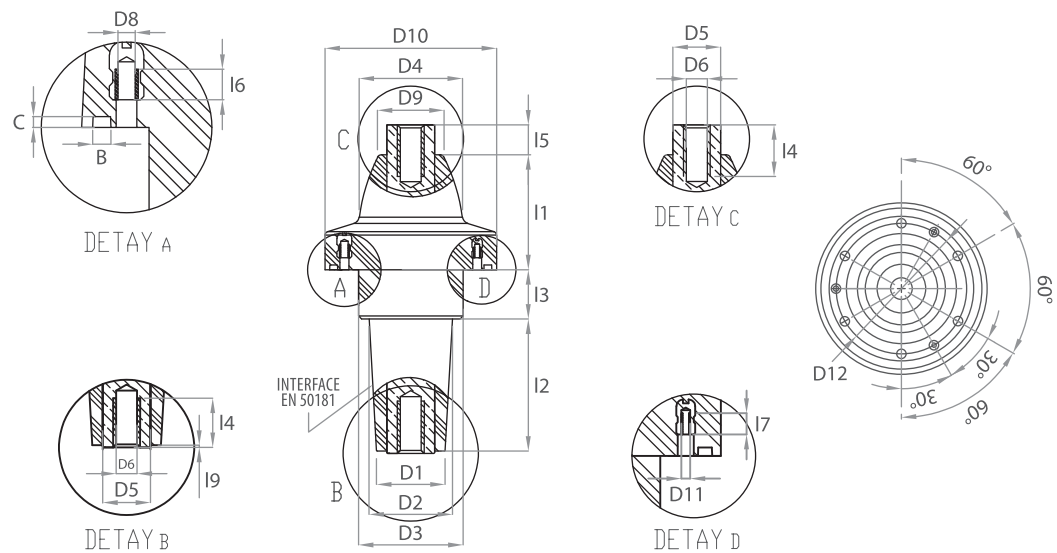
FOR TRANSFORMERS & GIS SWITCHGEARS

B Type Plug-In Bushings



Oil Type																			
Contact Type	Interface Type	Um (kV)	Im (A)	Dimensions (mm)															
				D1	D2	D3	D4	D5	D6	D8	D9	D10	I1	I2	I3	I4	I5	I6	M
Plug-in	B1-B2	12-24-36	250-400	46	56	70	74	20	14	M5	35	110	117	90	12	40	21,5	15	M10

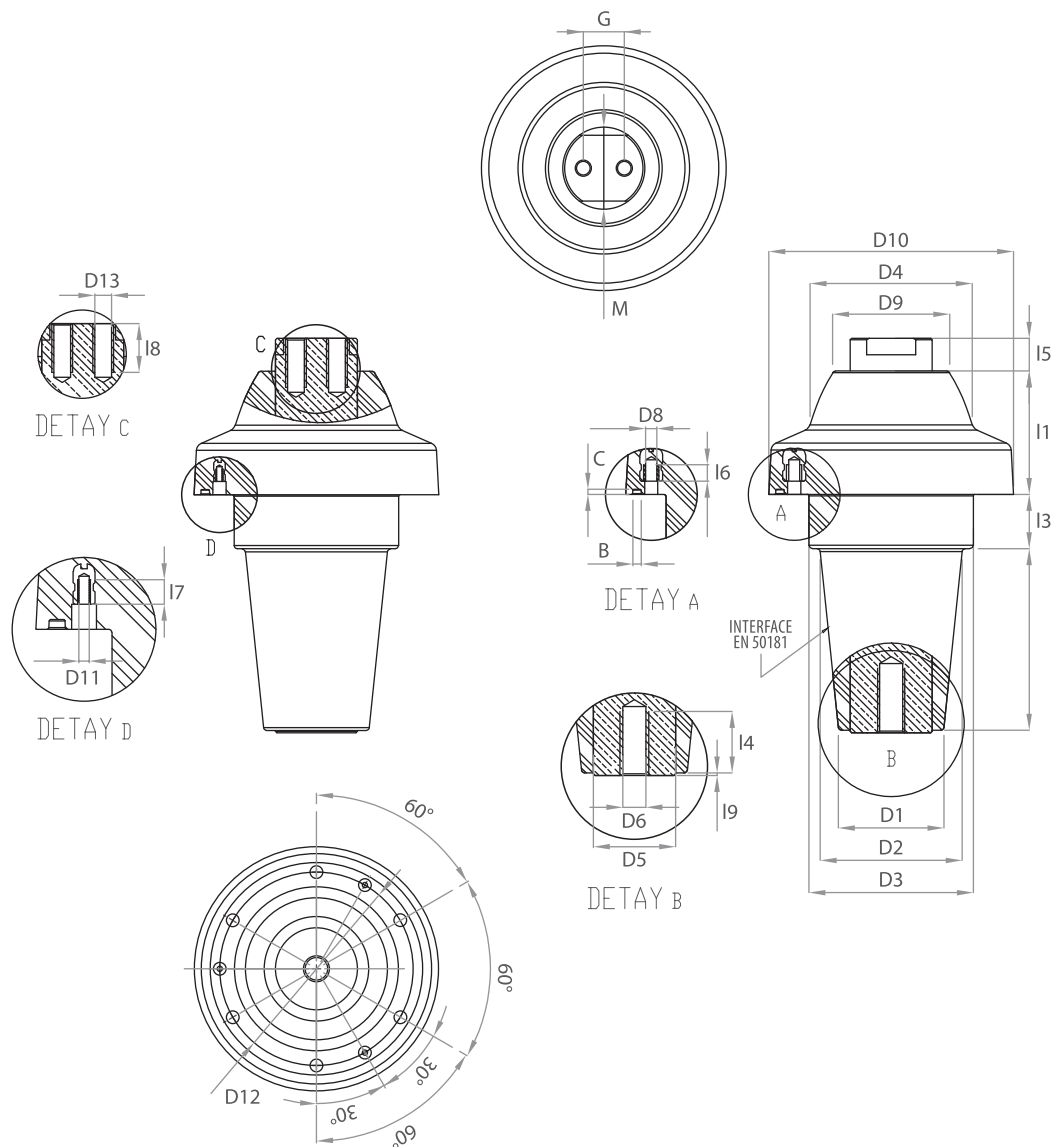
C Type Bolted Bushings



Gas Type

Contact Type	Interface Type	Um (kV)	Im (A)	Dimensions (mm)																									
				B	C	D1	D2	D3	D4	D5	D6	D8	D9	D10	D11	D12	D13	G	I1	I2	I3	I4	I5	I6	I7	I8	I9	M	
Bolted	C1	12-24-36	630	5,3	3,15	46	56	70	70	24	M16	M6	42	109	M4	83	x	x	75	90	33	35	20	9	9	x	1,5	x	
	C2	12-24-36	1250	5,3	3,15	46	56	70	70	32	M16	M6	42	109	M4	83	x	x	75	90	33	35	20	9	9	x	1,5	x	

F Type Bolted Bushings



Gas Type

Contact Type	Interface Type	Um (kV)	Im (A)	Dimensions (mm)																								
				B	C	D1	D2	D3	D4	D5	D6	D8	D9	D10	D11	D12	D13	G	I1	I2	I3	I4	I5	I6	I7	I8	I9	M
Bolted	F1	12-24-36	2500	5,3	3,15	64	86,8	100	100	50	M16	M6	70	149	M4	118	M12	25	75	110,5	33	38	20	9	9	30	1,5	50

INDOOR TYPE BUSHINGS FOR TRANSFORMERS & GIS SWITCHGEARS



INDOOR TYPE
BUSHINGS FOR
SWITCHGEAR
COMPONENTS





▶ BUSHINGS



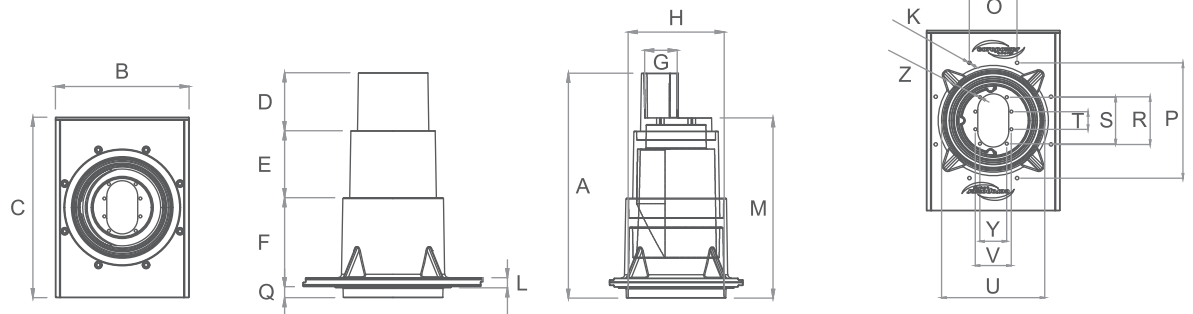
▶ WALL BUSHINGS

▶ SPOUT BUSHINGS

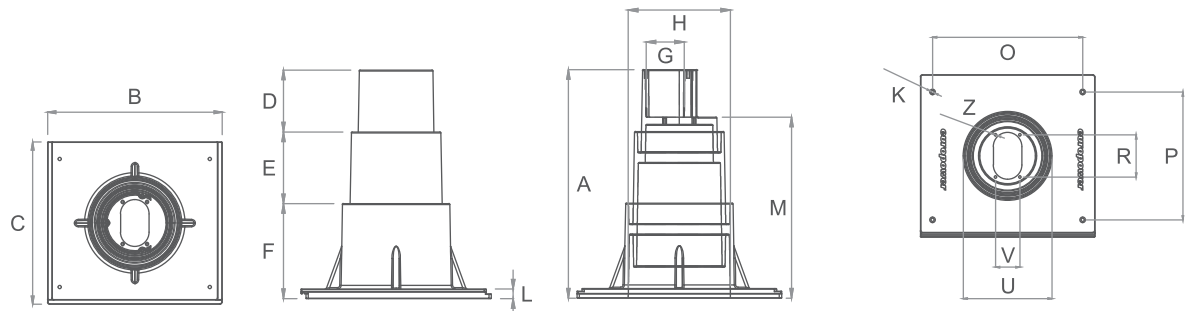


Bushings

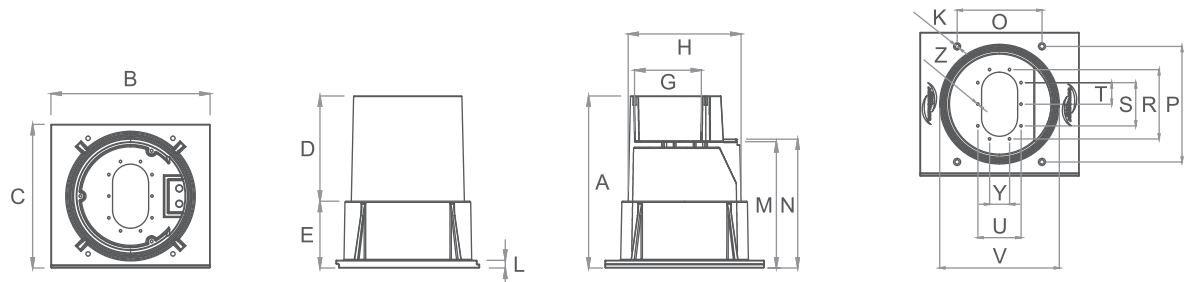
40,5 kV



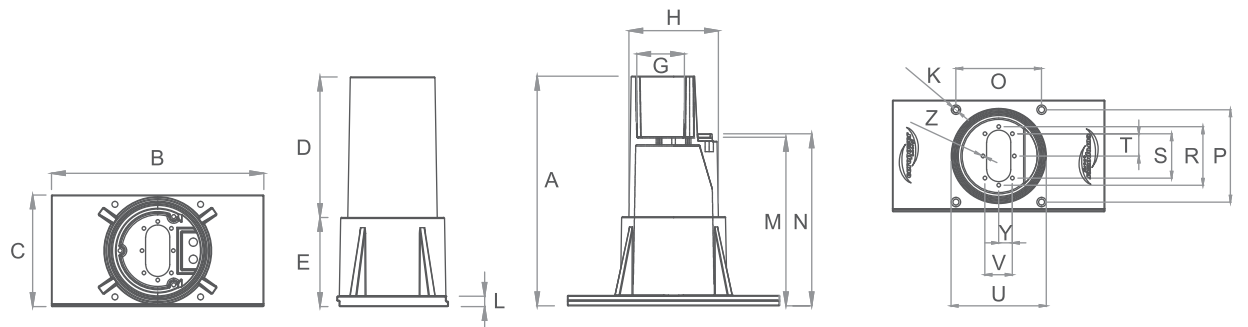
36 kV



24 kV

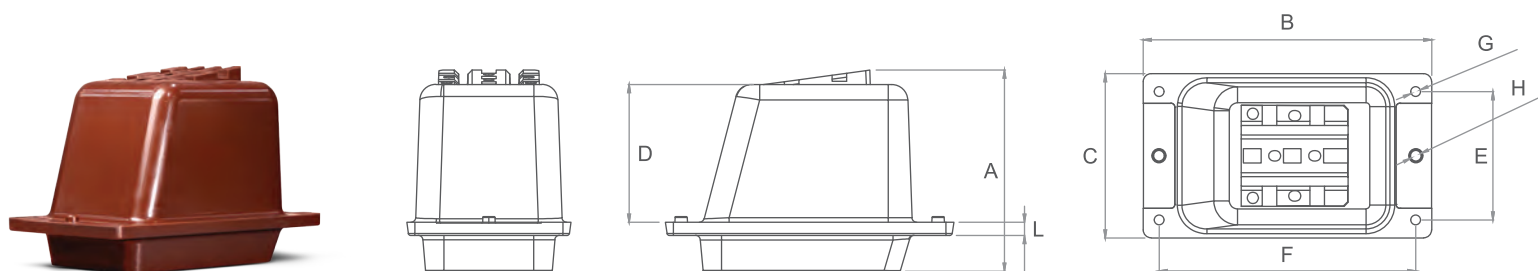


12 kV

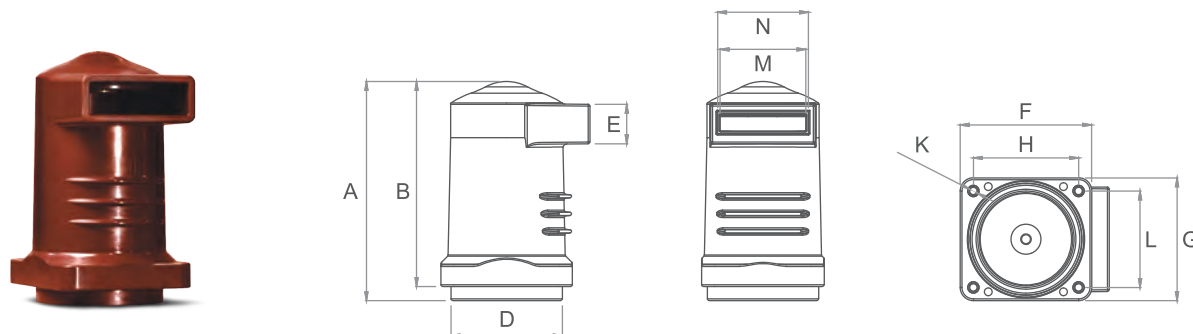


INDOOR TYPE BUSHINGS FOR SWITCHGEAR COMPONENTS

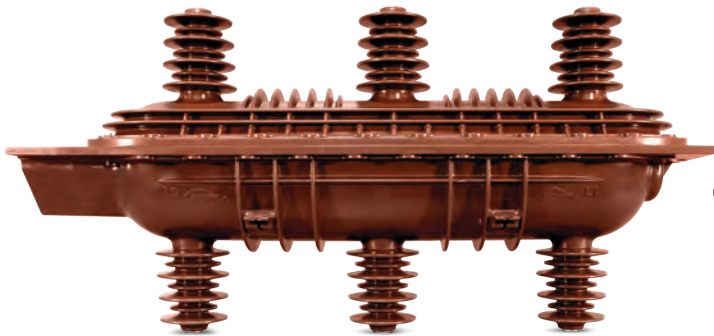
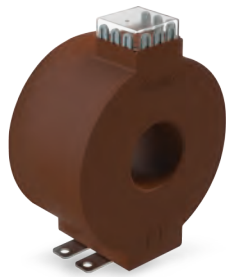
Wall Bushing



Spout Bushing



Type	Um (kV)	Dimensions (mm)																					
		A	B	C	D	E	F	G	H	K	L	M	N	O	P	Q	R	S	T	U	V	Y	Z
Bushing	12	335	310	163	205	130	x	70	131	8	15	246	251	125	135	x	86	65	33	139	40	20	6
	24	335	310	280	205	130	x	130	220	8	15	246	251	165	225	x	135	84	42	233	84	39	6
	36 (1000)	480	390	281	130	151	200	97	193	8	x	380	388	260	x	x	85	180	x	219	60	x	6
	36 (1400)	480	430	400	130	151	200	80	215	8	20	380	x	370	315	x	104	x	x	219	60	x	6
	40,5	505	300	405	130	151	200	73	216	8	23	405	x	107	259	25	107	105	40	232	81	60	6
Spout	12-24	250	234	x	127	45	150	140	120	8	110	98	104	x	x	x	x	x	x	x	x	x	x
Wall	24	251	360	205	172	160	320	12	12	x	17	x	x	x	x	x	x	x	x	x	x	x	x



TESTING





PARTIAL DISCHARGE
TEST



INSTRUMENT
TRANSFORMERS
ACCURACY TEST



LIGHTNING
IMPULSE
VOLTAGE TEST



CORE QUALITY
CONTROL TEST



CIRCUIT BREAKER
TESTS



DIELECTRIC
TEST



Current Transformer Accuracy Test

The current transformer (CT) test, according to IEC 61869-1,2 and TS EN 61869-1,2 standards, is a comprehensive test that measures various parameters of transformers in a single step.

These parameters include saturation inductance, number of turns, polarity, winding resistance, ratio and phase angle accuracy, nominal load and connected load, load impedance, and insulation values.

This test is designed to ensure the accurate functioning of transformers.



Dielectric Withstand Test

The dielectric withstand test, following the IEC 61869-1,2 and TS EN 61869-1,2 standards, is performed by applying a 3 kV voltage between windings (primary-primary, secondary-secondary, primary-secondary) to detect any issues related to insulation breakdown or flashover.

This test assesses the insulation and endurance capabilities of transformers.



Core Quality Control Test

The core quality control test involves creating a magnetic field by passing current through the center of the core, based on the dimensions of the core (e.g., height inner diameter * outer diameter, such as 95*155*15). Using a voltmeter, the quality of the core is evaluated within specific limits, typically in millivolts (mV).

This test assesses the quality of the core based on the generated magnetic field and its voltage measurements.



Lightning Impulse Voltage Test

Lightning impulse tests are performed to determine to what extent high voltage devices are affected by lightning.

The test is carried out in accordance with the procedures specified in the IEC 61869-1 and IEC 61869-3 standards.

Depending on the nominal voltage value of voltage transformers ≤200 kV is applied to the primary terminals.

Partial Discharge (PD) Test

The Partial Discharge (PD) Test is a test used to assess the integrity and reliability of insulation in electrical systems. This test is especially employed in high-voltage equipment and transformers.

Purpose: The fundamental purpose of the Partial Discharge Test is to detect faults and potential issues in insulation materials. These faults can lead to more severe problems over time and jeopardize the operation of the device.

Test Object: The Partial Discharge Test is used to examine critical components of energy systems such as transformers, high-voltage cables, circuit breakers, and other high-voltage equipment.

Testing Procedure: According to the TS EN 61869-1 standard, a voltage is applied to the test object up to the highest voltage level, as specified, in a stepwise manner until the object reaches its withstand voltage. Subsequently, a 60-second insulation and withstand test is conducted on the test object.

Ability to Withstand Network Frequency Voltage: This test evaluates the test object's ability to withstand network frequency voltage. In other words, it tests the object's resilience against voltage fluctuations that it may encounter under normal operating conditions.

Early Detection of Defects: The Partial Discharge Test aids in the early detection of initial faults and structural issues in insulation materials between conductors. This ensures the long-term and reliable operation of the device.



Standardization: International standards like TS EN 61869-1 specify how the Partial Discharge Test should be conducted. These standards help enhance the reliability and comparability of the test.

The Partial Discharge Test holds critical significance in ensuring reliability and safety in the energy sector. These tests support the smooth operation of energy systems and the prevention of failures.



SF6 Circuit Breakers Routine Tests

SF6 Circuit breakers undergo four tests; Resistance measurement test, function test, mechanical test and electrical test.

Firstly, the produced and prepared circuit breakers undergo resistance measurement test and the results are compared with the type test resistance values. After the breakers pass the test, their electrical and mechanical functions are examined.

Then their opening and closing times are measured to be compared with the values of the corresponding specification.

After all the tests are completed, quality control labels are applied on the circuit breakers then the circuit breakers are prepared for dispatching.



Resistance Test

Resistance testing is a test conducted to determine whether resistors used in electrical circuits are functioning correctly.

This test is used to verify whether the resistors have a specific resistance value. The Multitech resistor device is an measurement instrument that can be used for such tests. It measures resistance values in kilohms (k Ω).

Mechanical Test

Mechanical tests are physical tests conducted to determine the durability and performance of a product. Tension, closing, and opening tests are common mechanical tests used to assess the reliability and durability of many mechanical devices and products.

1. Tension Test: This test is conducted to determine how long a spring can endure a specific number or frequency of stretching and relaxing processes.

2. Closing-Opening Test: This test is used to evaluate the durability of a product during the closing and opening processes.

TESTING



Electrical Test

Electrical tests are tests conducted to ensure the correct operation and safety of devices or systems powered by electricity.

1. Closing-Opening Test:

This test is performed to determine the reliability and proper functioning of an electrical switch or key. The function of opening and closing the switch is a fundamental component of many electrical devices and systems. In this test, it is checked how durable the switch is in terms of a specific number of opening and closing operations and whether these functions are performed correctly.

2. Measurement of L1-L2-L3 Contact Milliseconds:

This test measures the opening or closing times of the L1, L2, and L3 contacts in a three-phase electrical system in milliseconds. Such measurements are used in the fast switching or protection functions of electrical circuits.

The opening or closing times should conform to specific tolerance ranges.

3. Checking Coil Switches:

This test is conducted to evaluate the proper operation of electromagnetic coil switches or relays. Coils are essential components that create electromagnetic fields and are used in many electrical devices.

This test verifies that the coils can perform their functions accurately.

Function Test

In a function test, the states of the spring-loaded or idle positions are checked. Additionally, a closing and opening test is performed to verify both the spring and the system's condition.



CERTIFICATION



A woman with curly brown hair, wearing a white hard hat and an orange safety vest, is looking down at a clipboard she is holding. She is holding a blue pen in her right hand. The vest has a name tag that reads "VERNAVAL" and a logo. She is standing in front of a large piece of blue industrial equipment with yellow warning labels. The background is slightly blurred, showing more of the equipment.



Emek Elektrik Endüstri A.Ş. Test Laboratuvarı
 Balçıkova Mah. Köyü 61. Sokak No: 324. 06722 Ağrı/ANKARA/TÜRKİYE
 Tel:0312 366 01 81 Faks:0312 366 04 74



AB-06747-1

23.007.0

02.02

TEST RAPORU

Test Report

Yapılan Testler) (Performed Tests)	1) IEC 61869-4 TS EN 61869-1 IEC 61869-2 ve TS EN 61869-2 Standartlarına Göre Tis ve Rölis Testi
Müşeri (Customer)	1) Europower Enerji ve Enerjiyasyon Teknolojileri San. Tic. A.Ş.
İstek Numarası (Request Number)	1) 21.011.000
Adres (Address)	1) Sırsay Mah. Alım Cad. No:17 Kazan / ANKARA / TÜRKİYE
Numara (Sample Number)	1) EUROCT-7, 0,72Mv Tüpolat Akım Transformatörü, 100-20000-A
Marka (Trade Mark)	1) Europower
Üretim (Manufacturing)	1) Europower Enerji ve Enerjiyasyon Teknolojileri San. Tic. A.Ş.
Numune Kabul Tarihi (Receipt of Sample)	1) 23.06.2021
Test Tarihi (Date of Test)	1) 14.02.2022 - 19.02.2022
Rapor Toplam Sayfa Sayısı (Number of Total Pages of Report)	1) 74

Sonuç ve Değerlendirme
(Result and Conclusion)

1) Test sonuçları ilgili standartların gereklerini karşılamaktadır.

Deney laboratuvarımız olarak faaliyet gösterilen Emek Elektrik Endüstri A.Ş. Test Laboratuvarı, TÜRKAK AB-0475-1 deneme numarası ile TS EN ISO/IEC 17025:2017 standardına göre akkredite edilmiştir. Akkredite edilmiş laboratuvarımız, ISO 9001 standardı ile ilgili olarak ISO 9001:2015 standardına göre akkredite edilmiştir. Akkredite edilmiş laboratuvarımız, ISO 14001 standardı ile ilgili olarak ISO 14001:2015 standardına göre akkredite edilmiştir. Akkredite edilmiş laboratuvarımız, ISO 45001 standardı ile ilgili olarak ISO 45001:2018 standardına göre akkredite edilmiştir. Akkredite edilmiş laboratuvarımız, ISO 50001 standardı ile ilgili olarak ISO 50001:2018 standardına göre akkredite edilmiştir. Akkredite edilmiş laboratuvarımız, ISO 55001 standardı ile ilgili olarak ISO 55001:2018 standardına göre akkredite edilmiştir. Akkredite edilmiş laboratuvarımız, ISO 56001 standardı ile ilgili olarak ISO 56001:2018 standardına göre akkredite edilmiştir. 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[illegible]



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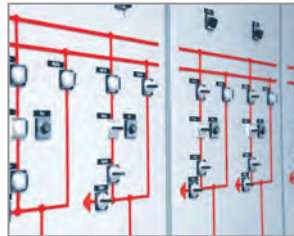
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