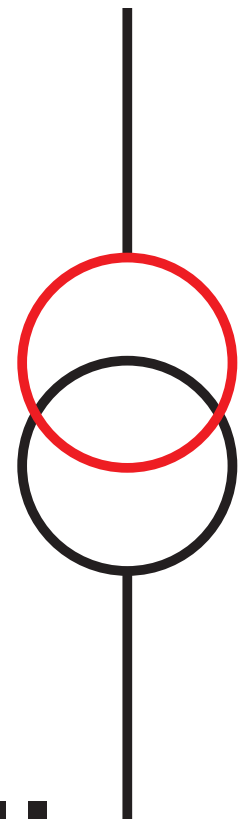




REDUR

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Measurement and protection current transformer



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Protection current transformer Type VIS DIN Form



Current transformers for indoor use.

Form according to DIN 42600

$U_m = 3,6\text{kV}, 7,2\text{kV}, 12\text{kV}, 17,5\text{kV}, 24\text{kV}, 36\text{kV}$

Medium voltage current transformer of REDUR are available for nominal voltages up to 36 kV. In order to satisfy technical requirements, our transformers are sealed with a high quality resin. These current transformers are available for measurement and protection purposes. The current transformers are also available as multi-core transformers.

Technical data								
Type VIS DIN Form								
			VIS 3,6	VIS 7,2	VIS 12	VIS 17,5	VIS 24	VIS 36
		kV	3,6	7,2	12	17,5	24	36
Test voltage / Lightning impulse (kV)		kV	10/20	20/60	28/75	38/95	50/125	70/170
Primary rated current (A)		A	up to 3000A					
Secondary rated current (A)		A	1A / 5A					
Rated power	according to customer specifications							
Frequency		Hz	50/60					
Norms	IEC, DIN EN, BS, CAN, GUS, ANSI usw.							
Weight		kg	21	21	21	21	26	37
Dimensions in mm								
			VIS 3,6	VIS 7,2	VIS 12	VIS 17,5	VIS 24	VIS 36
Length	l	mm	335	335	335	335	335	413
Height	b	mm	220	220	220	220	280	390
Width	h	mm	148	148	148	148	178	249
DIN Form	42600							
The above data are preferred values (Deviations are possible).								

Phoenix Mecano is a worldwide company in the areas of technology and industrial components. Focus on professional and cost-effective production of niche products, it ensures that processes and connections in the machine and electronic industry are working correctly.

Applications areas of products:

Mechanical engineering, measuring and control technology, medical engineering, aerospace engineering, alternative energy, home and care sector.



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MS Voltage transformer Type VUS DIN Form



Voltage transformers for indoor use.

Form according to DIN 42600

$U_m = 3,6\text{kV}, 7,2\text{kV}, 12\text{kV}, 17,5\text{kV}, 24\text{kV}, 36\text{kV}$

Medium voltage current transformer of REDUR are available for nominal voltages up to 36 kV. In order to satisfy technical requirements, our transformers are sealed with a high quality resin. In contrast to current transformers, voltage transformers must never be short-circuited on the secondary side. The low side terminal of the primary winding (N) is properly connected to the terminal box and must not be removed during operation.

Technical data								
Type VUS DIN Form								
			VUS 3,6	VUS 7,2	VUS 12	VUS 17,5	VUS 24	VUS 36
Um		kV	3,6	7,2	12	17,5	24	36
Test voltage / Lightning impulse		kV	10/20	20/60	28/75	38/95	50/125	70/170
Primary rated current		V	3000/ $\sqrt{3}$	6000/ $\sqrt{3}$	10000/ $\sqrt{3}$	15000/ $\sqrt{3}$	20000/ $\sqrt{3}$	30000/ $\sqrt{3}$
Secondary rated current		V	100/ $\sqrt{3}$ / 110/ $\sqrt{3}$			100:3 / 110:3		
Power in Class	0,2	VA	30	30	30	30	30	30
	0,5	VA	100	100	100	100	100	100
	1	VA	200	200	200	200	200	200
Frequency		Hz	50/60					
Norms	IEC, DIN EN, BS, CAN, GUS, ANSI usw.							
Weight		kg	23	23	23	23	37	54
Typ VUS Dimensions in mm								
			VUS 3,6	VUS 7,2	VUS 12	VUS 17,5	VUS 24	VUS 36
Length	l	mm	335	335	335	335	355	413
Height	h	mm	220	220	220	220	280	390
Width	b	mm	148	148	148	148	178	249
DIN Form			42600					
The above data are preferred values (Deviations are possible).								

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Protection current transformer Type VIS DIN small Form



Current transformers for indoor use.

Form according to DIN 42600

$U_m = 3,6kV, 7,2kV, 12kV$

Medium voltage current transformer of REDUR are available for nominal voltages up to 12 kV. In order to satisfy technical requirements, our transformers are sealed with a high quality resin. These current transformers are available for measurement and protection purposes. The current transformers are also available as multi-core transformers.

Technical data					
Type VIS DIN small Form					
			VIS 3,6	VIS 7,2	VIS 12
Um		kV	3,6	7,2	12
Test voltage / Lightning impulse		kV	10/20	20/60	28/75
Primary rated current		A	bis 800A		
Secondary rated current		A	1A / 5A		
Rated power	according to customer specifications				
Frequency		Hz	50 / 60		
Norms	IEC, DIN EN, BS, CAN, GUS, ANSI usw.				
Weight		kg	7,5	7,5	7,5
Typ VIS Dimensions in mm					
			VIS 3,5	VIS 7,2	VIS 12
Length	l	mm	220	220	220
Height	h	mm	160	160	160
Width	b	mm	178	178	178
DIN Form	42600				
The above data are preferred values (Deviations are possible).					

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Split core Type VID - one piece -



One-piece cast resin

Current transformer Type VID for indoor use.

Der VID is a execution of current transformers. It is very easy to install.
The transformer is maintenance free. Suitable for use with cables and rail systems.

Technical data	
Type VID	
Primary rated current	50 - 10000A
Secondary rated current	1A, 5A
Frequency	50Hz, 60Hz
Power rated	2,5 - 5- 10 -15 - 30 VA
Accuracy class	0,2 - 0,2S - 0,5 - 0,5S - 1 - 3 und 5
Overcurrent protection factor	FS5, FS10
Accuracy class/protection	5P, 10P, PX, TPS, TPY, TPZ
Rated insulation voltage	0,72/3kV oder 1,2/6kV
Rated short-term thermal current	min. 100x In / 1 sec.
Dynamic Rated peak	2,5 x Ith
Thermal current	1,2 x In
Ambient temperature	-5°C / +40°C
Insulation class	E
Protection	IP20
Norms	IEC, DIN EN, BS, CAN, GUS, ANSI usw.
Special version	on request
The above data are preferred values (Deviations are possible).	

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Applications areas of products:

Mechanical engineering, measuring and control technology, medical engineering, aerospace engineering, alternative energy, home and care sector.



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Split core Type VIZ - two pieces -



Two-pieces cast resin
Current transformer Type VIZ for indoor use.

Der VIZ is a compact and separable current transformer. It is very easy to install and the upper part can be completely removed. The VIZ transformers can be used in new or existing systems. The high level of accuracy provides precise measurements.

Technical data	
Type VIZ	
Primary rated current	50 - 10000A
Secondary rated current	1A, 5A
Frequency	50Hz, 60Hz
Power rated	2,5 - 5- 10 -15 - 30 VA
Accuracy class	0,2 - 0,2S - 0,5 - 0,5S - 1 - 3 und 5
Overcurrent protection factor	FS5, FS10
Accuracy class/protection	5P, 10P
Rated insulation voltage	0,72/3kV oder 1,2/6kV
Rated short-term thermal current	min. 100x I _n / 1 sec.
Dynamic Rated peak	2,5 x I _{th}
Thermal current	1,2 x I _n
Ambient temperature	-5°C / +40°C
Insulation class	E
Protection	IP20
Norms	IEC, DIN EN, BS, CAN, GUS, ANSI usw.
Special version	on request
The above data are preferred values (Deviations are possible).	

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Constant quality control of all products throughout and after manufacturing process using computer-controlled measuring stations.

Specialist in development and manufacture of measuring transducers and measuring instruments.

Manufacturer of:

window-type current transformers, wound primary current transformers, summation current transformers, voltage transformers, broadband transducers, measuring transducers and measuring instruments.

Supplier to

in switchgear and control manufacturers, energy and industrial companies.

Redur Messwandler GmbH

A Division of Phoenix Mecano Power Quality

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