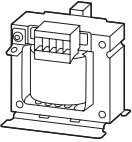


Single-phase Control Transformers

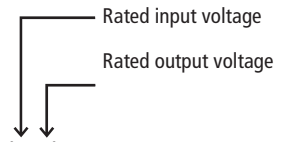
Type STI, with standard voltage ratings

Transformers

VA rating		Short time inrush rating	Rated input voltage	Rated output voltage	Type Article No.	Price see price list
IEC	UL/CSA	kVA	V	V		
STI single-phase control transformers						
UL 506, CSA 22.2 No. 66, ¹⁾ IEC/EN 61 558 suitable for use with IEC/EN 60 204-1 assemblies, CE						
						
60	60	0.13	230 ± 5 % 400 ± 5 % 415 ± 5 % 440 ± 5 % 500 ± 5 % 690 ± 5 %	12 24 42 110 230	STI0,06 (.../...) 908162 STI0,1 (.../...) 954516 STI0,16 (.../...) 954517 STI0,2 (.../...) 954518 STI0,25 (.../...) 954519 STI0,315 (.../...) 954520 STI0,4 (.../...) 954521 STI0,5 (.../...) 954522 STI0,63 (.../...) 954523 STI0,8 (.../...) 954524 STI1,0 (.../...) 954525 STI1,3 (.../...) 954526 STI1,6 (.../...) 954527 STI2,0 (.../...) 954528 STI2,5 (.../...) 954529 STI3,0 (.../...) 954536 STI4,0 (.../...) 910051	
100	100	0.24				
160	160	0.36				
200	200	0.44				
250	250	0.6				
315	315	0.75				
400	400	1.1				
500	500	1.6				
630	630	1.7				
800	800	2.0				
1000	1000	2.8				
1300	1300	3.7				
1600	1600	5.5				
2000	2000	7				
2500	2500	9				
3000	3000	11.5				
4000	4000	15				

• Transformers with rated output voltages 12V to 42V can be used as safety transformers in accordance with IEC/EN 61 558.

The type number must include the following details:



Example

- desired type STI 0,06
- desired rated input voltage 230 V
- desired rated output voltage 12 V

The correct type number is **STI 0,06 (230/12)**

Notes:

¹⁾ UL/CSA only up to a primary of 600 V

Three-phase Transformers

Type DTI, with standard voltage ratings

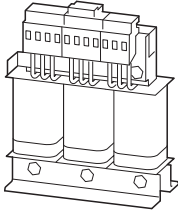
UL / CSA / IEC / CE

Transformers

VA rating		Short time inrush rating	Rated input voltage	Rated output voltage	Type Article No.	Price see price list
IEC	UL/CSA	kVA	V	V		

DTI three-phase control transformers

UL 506, CSA 22.2 No. 66 ¹⁾, IEC/EN 61 558
suitable for use with IEC/EN 60 204-1 assemblies, CE



100	100	0.2
160	160	0.32
250	250	0.5
400	400	0.8
500	500	1
630	630	1.38
1000	1000	2.2
1600	1600	3.5
2000	2000	4.4
2500	2500	5.5
4000	4000	6.2
6300	6300	15.7

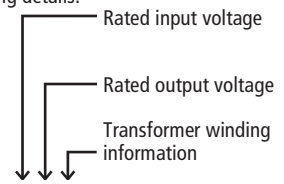
200 ± 5 %
230 ± 5 %
400 ± 5 %
415 ± 5 %
440 ± 5 %
500 ± 5 %
690 ± 5 %

18,5
24
110
200
230
400

DTI0,1 (.../...) 914778
DTI0,16 (.../...) 914780
DTI0,25 (.../...) 914782
DTI0,4 (.../...) 914783
DTI0,5 (.../...) 914784
DTI0,63 (.../...) 914792
DTI1,0 (.../...) 914793
DTI1,6 (.../...) 914794
DTI2,0 (.../...) 914795
DTI2,5 (.../...) 914796
DTI4,0 (.../...) 914797
DTI6,3 (.../...) 914798

- Transformers with rated output voltages 18.5 V to 24 V can be used as safety transformers in accordance with IEC/EN 61 558.

The type number must include the following details:



DTI 0,1 (.../...)

Example

- desired type DTI 0,1
- desired rated input voltage 200 V
- desired rated output voltage 18.5 V
- transformer winding information Dy(n)5

The correct type number is
DTI 0,1 (200/18,5) Dy(n)5

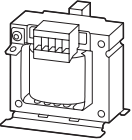
Notes:

¹⁾ UL/CSA only up to a primary of 600 V

Transformer winding information
→ page 13/012

Single-phase Control Transformers

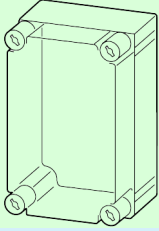

Type STZ, for custom voltage ratings

VA rating	Shorttime inrush rating	Rated input voltage	Rated output voltage	For currents up to	Type	Price ¹⁾	Enclosure IP 23 Type Suffix	Price Adder
IEC	UL/CSA	kVA	V	V	A	Article No.	see price list	Article No. see price list
STZ Single-phase control transformers Safety transformers Isolating transformers UL 506, CSA 22.2 No. 66, ³⁾ , IEC/EN 61 558 suitable for use with IEC/EN 60 204-1 assemblies, CE								
								
60	60	0.13	50 – 950 ³⁾ ± 5 %	12 - 1000 ³⁾	16	STZ0,06 (.../...) 914761	+IP23/01 200618	
100	100	0.24				STZ0,1 (.../...) 914762		
160	160	0.36				STZ0,16 (.../...) 914763		
200	200	0.44				STZ0,2 (.../...) 914764	+IP23/02 200623	
250	250	0.6				STZ0,25 (.../...) 914765		
315	315	0.75				STZ0,315 (.../...) 914766		
400	400	1.1				STZ0,4 (.../...) 914767	+IP23/03 200624	
500	500	1.6				STZ0,5 (.../...) 914768		
630	630	1.7				STZ0,63 (.../...) 914769		
800	800	2.0				STZ0,8 (.../...) 914770	+IP23/04 226100	
1000	1000	2.8				STZ1,0 (.../...) 914771		
1300	1300	3.7				STZ1,3 (.../...) 914772		
1600	1600	5.5				STZ1,6 (.../...) 914773	+IP23/32A 200763	
2000	2000	7				STZ2,0 (.../...) 914774		
2500	2500	9				STZ2,5 (.../...) 914775		
3000	3000	11.5				STZ3,0 (.../...) 914776	+IP23/05 200648	
4000	4000	15	STZ4,0 (.../...) 914777					
5300	4000	13	STZ5,3 (.../...) 201060					
8400	5300	21	STZ8,3 (.../...) 201062	+IP23/06 200649				
13300	10000	34	STZ13,3 (.../...) 201064					

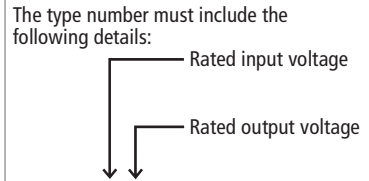
Single-phase Control Transformers
Type STZ, for custom voltage ratings

UL / CSA / IEC / CE

Transformers

Enclosure IP 65 ²⁾		Screen-winding		Enhanced climatic proofing	
Type Suffix	Price Adder	Type Suffix	Price Adder	Type Suffix	Price Adder
					
Article No.	see price list	Article No.	see price list	Article No.	see price list
+IP65/01 205377		+W1,8 082270		+TA0,2 069769	
+IP65/02 205378				+TA1,4 070082	
+IP65/03 205379					
+IP65/04 205380					
+IP65/05 205381		+W4,0 082271		+TA4,0 070143	
-					
-					
-					

- Transformers with rated output voltages ≤ 50 V can be used as safety transformers in accordance with IEC/EN 61 558.
- For additional protection, the transformers with the enhanced climatic proofing are supplied with a special insulating finish.



STZ 0,06 (.../...)

- Example:**
- desired type
STZ 0,06
 - desired rated input voltage 230 V
 - desired rated output voltage 12 V

The correct type number is:
STZ 0,06 (230/12)

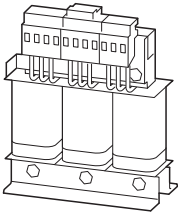
For additional taps, → page 13/011

- Notes:**
- 1) Additional price may apply in cases where higher current ratings are necessary due to primary to secondary voltage ratios
 - 2) Enclosures can be used for primary and secondary voltage > 110V
 - 3) UL and CSA only up to a primary and secondary of 600V, (taps included), open mounting only

Three-phase Control Transformers

Type DTZ, for custom voltage ratings

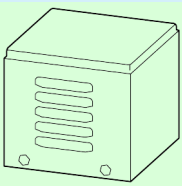

Transformers

VA rating		Short time inrush rating	Rated input voltage	Rated output voltage	For currents up to	Type	Price ¹⁾
IEC	UL/CSA	kVA	V	V	A	Article No.	see price list
DTZ Three-phase control transformers Safety transformers Isolating transformers UL 506, CSA 22.2 No. 66 ³⁾ , IEC/EN 61 558 suitable for use with IEC/EN 60 204-1 assemblies, CE							
							
100	100	0.2	50 – 950 ± 5 % ³⁾	18.5 – 1000 ³⁾	16	DTZ0,1 (.../...) 914799	
160	160	0.32				DTZ0,16 (.../...) 914800	
250	250	0.5				DTZ0,25 (.../...) 914801	
400	400	0.8				DTZ0,4 (.../...) 914802	
500	500	1				DTZ0,5 (.../...) 914803	
630	630	1.38				DTZ0,63 (.../...) 914804	
1000	1000	2.2				DTZ1,0 (.../...) 914805	
1600	1600	3.5				DTZ1,6 (.../...) 914806	
2000	2000	4.4				DTZ2,0 (.../...) 914807	
2500	2500	5.5				DTZ2,5 (.../...) 914808	
4000	4000	6.2				DTZ4,0 (.../...) 914809	25
6300	6300	15.7					
8000	5800	20			DTZ8,0 (.../...) 914811	63	
10000	8000	25					
12500	8000	31					
16000	10000	40					
20000	10000	50					
25000	-	62					
			DTZ10 (.../...) 914812				
			DTZ12,5 (.../...) 914813				
			DTZ16 (.../...) 914814				
			DTZ20 (.../...) 914815				
			DTZ25 (.../...) ⁴⁾ 914816				

Three-phase Control Transformers Type DTZ, for custom voltage ratings

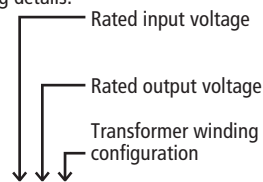
UL / CSA / IEC / CE

Transformers

Enclosure IP 23 ²⁾		Screen-winding		Enhanced climatic proofing	
Type Suffix	Price Adder	Type Suffix	Price Adder	Type Suffix	Price Adder
					
Article No.	see price list	Article No.	see price list	Article No.	see price list
+IP23/30 200706		+W6,0 082274		+TA0,2 069769	
+IP23/31 200753				+TA1,4 070082	
+IP23/32A 200763				+TA4,0 070143	
+IP23/33 200754				-	
+IP23/34 200755		+W20,0 082275		-	
		+W163 082276		-	

- Transformers with rated output voltages ≤ 50 V can be used as safety transformers in accordance with IEC/EN 62 558.
- For additional protection, the transformers with the enhanced climatic proofing are supplied with a special insulating finish.
- For IP 65 enclosures, consult Moeller Electric.

The type number must include the following details:



DTZ 0,1 (.../...)

- Example**
- desired type DTZ 0,1
 - desired rated input voltage 200 V
 - desired rated output voltage 18,5 V
 - transformer winding configuration Dy(n)5

The correct type number is
DTZ 0,1 (200/18,5) Dy(n)5

For additional taps, → page 13/011.

Transformer winding information,
→ page 13/012

- Notes:**
- 1) Additional price may apply in cases where higher current ratings are necessary due to primary to secondary voltage ratios
 - 2) Enclosures can be used for primary and secondary voltage > 110V (for lower voltages, please inquire).
 - 3) UL/CSA only up to a primary and secondary of 600V (taps included), open mounting only.
 - 4) Not UL/CSA