DATASHEET - DTZ6,3(*/*)*



Three-phase control isolating safety transformer, 6.3 kVA, Rated input voltage 50 - 950 \pm 5 % V, Rated output voltage 18.5 - 1000 V



Part no. DTZ6,3(*/*)*
Catalog No. 914810
Alternate Catalog -

Delivery program

Dontory program		
Product range		Three-phase DTZ control transformers
Rated input voltage	V	$50 - 950 \pm 5 \%$
Rated output voltage	V	18.5 – 1000
Rated power	kVA	6.3
Short-time rating	kVA	15.7
Cu factor 12.00		

Notes

- UL/CSA only up to primary and secondary 600 V (incl. tapping).
- · Enclosures IP65 on request.

When ordering, the type reference must include the following details:

DTZ0,1(*/*)*

1st wildcard ≙ Nominal input voltage

2nd wildcard ≙ Rated output voltage

3rd wildcard ≙ Configuration

Ordering example

- Desired part no. DTZ0,1
- Desired rated input voltage 200 V
- ullet Desired rated output voltage 18.5 V
- Desired configuration Dy(n)5

The correct type reference is

DTZ0,1(200/18,5)DY(N)5

Additional tappings → 931897

Design verification as per IEC/EN 61439

In	Α	0
P _{vid}	W	0
P _{vid}	W	0
P _{vs}	W	236
P _{diss}	W	0
	°C	-25
	°C	40
		Meets the product standard's requirements.
		Meets the product standard's requirements.
		Meets the product standard's requirements.
		Meets the product standard's requirements.
		Meets the product standard's requirements.
		Does not apply, since the entire switchgear needs to be evaluated.
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		Meets the product standard's requirements.
	P _{vid} P _{vid} P _{vs}	P _{vid} W P _{vid} W P _{vs} W P _{diss} W °C

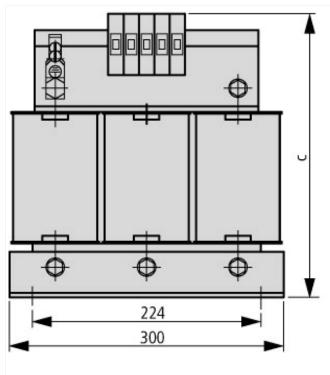
10.3 Degree of protection of ASSEMBLIES	Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9 Insulation properties	
10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

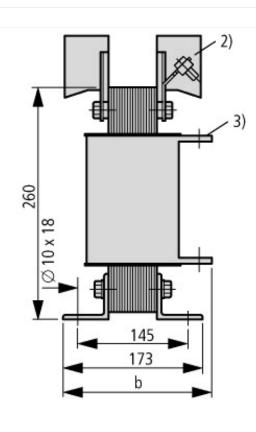
Technical data ETIM 7.0

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ype of insulation material acc. IEC 85 Short-circuit-proof Selative short circuit voltage Sonductor material Vidth Seleth	Wiring system		Other
Short-circuit-proof Short-	Rated power	VA	6300
Relative short circuit voltage	Type of insulation material acc. IEC 85		В
Conductor material Copper Vidth mm 300 leight 996 lepth mm 210 legree of protection (IP) IP00	Short-circuit-proof		No
Vidth mm 300 leight 296 lepth mm 210 legree of protection (IP) IP00	Relative short circuit voltage	%	2
deight mm 296 depth mm 210 degree of protection (IP) IP00	Conductor material		Copper
Depth mm 210 Degree of protection (IP) IP00	Width	mm	300
Degree of protection (IP)	Height	mm	296
	Depth	mm	210
Degree of protection (NEMA) Other	Degree of protection (IP)		IP00
	Degree of protection (NEMA)		Other

Approvals	
Product Standards	UL 506; UL5085-1; UL 5085-2; CSA-C22.2 No. 66; CSA-C22.2 No. 66.1-06; CSA-C22.2 No. 66.2-06; IEC/EN 61558-2-2; CE marking
UL File No.	E167225
UL Category Control No.	XPTQ2, XPTQ8
CSA File No.	UL report applies to both US and Canada
CSA Class No.	-
North America Certification	UL recognized, certified by UL for use in Canada
Specially designed for North America	No
Suitable for	Branch circuits
Max. Voltage Rating	600 V AC
Degree of Protection	IEC: IP00. UL/CSA Type: -

Dimensions





	b	С
18.5 V	193	285
24 V	210	285
42 V	193	333
110 V	173	333
230-690 V	173	296

- ① The higher rated operating voltage applies ② Terminals ≦ 25 A ③ Connection lugs > 63 A

Assets (links)

Declaration of CE Conformity

00003099