



Housing, IP23_x, HxWxD=390x390x570mm, for transformer

Part no. +IP23/05
Article no. 200648
Catalog No. -

Delivery program

Product range			Accessories
Accessories			IP23 enclosures
For use with			STZ5.3 ... STZ8.3
Cu factor 0,00			

Notes

For the version with enhanced climatic proofing the transformer features a special insulating varnish. This version enables the transformer to be used in areas with a high humidity.

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

ETSP25(*/*)

1st wildcard $\frac{U}{V}$ Nominal input voltage

2nd wildcard $\frac{U}{V}$ Rated output voltage

Ordering example

- Required throughput rating 55 kVA
- Desired rated input voltage 400 V
- Desired rated output voltage 230 V

Selection notes

$S_N = S \times (1 - \text{Lower voltage/Higher voltage})$

$= 55 \text{ kVA} \times (1 - 230\text{V}/400\text{V}) = 23.4 \text{ kVA}$

$S_N = \text{kVA type rating}$

$S = \text{Throughput rating}$

- The kVA type rating is always lower than the throughput rating.
- For version with delta stabilizing winding, please enquire.

The correct type reference is

ETSP25(400/230)

Transformer-protective circuit-breaker → 088907

Technical data

General

Ambient temperature			-25 - 40
---------------------	--	--	----------

Characteristics

Insulation class			B/F
Separate windings			●
Rated duty factor		% DF	100

Electrical characteristics

Note			The following applies for the no-load loss, short-circuit loss (copper losses), short-circuit voltage and efficiency values: all details relate to a temperature of 20 °C
Max. radiated heat dissipation with separate mounting, ambient air temperature +20 °C		W	265

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	0
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Equipment heat dissipation, current-dependent	P_{vid}	W	0
Static heat dissipation, non-current-dependent	P_{vs}	W	0
Heat dissipation capacity	P_{diss}	W	265
Operating ambient temperature min.		°C	-25

Operating ambient temperature max.	°C	40
Max. radiated heat dissipation with separate mounting, ambient air temperature +20 °C	W	265
IEC/EN 61439 design verification		
10.2 Strength of materials and parts		
10.2.2 Corrosion resistance		Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures		Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat		Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects		Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation		Meets the product standard's requirements.
10.2.5 Lifting		Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact		Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions		Meets the product standard's requirements.
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 6.0

Low-voltage industrial components (EG000017) / Empty enclosure for switchgear (EC000712)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Empty housing for switch devices (ecl@ss8.1-27-37-13-01 [AKN343011])		
Material housing		Steel
Width	mm	390
Height	mm	390
Depth	mm	570
With transparent cover		No
Suitable for emergency stop		No
Model		Built-in
Degree of protection (IP)		IP23

Dimensions

