

Control transformer, 200VA, 1p, primary 230V, secondary 230V

Powering Business Worldwide*

 Part no.
 STN0,2(230/230)

 Article no.
 204951

 Catalog No.
 STN0P2-G2-G2

Design verification as per IEC/EN 61439

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Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	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	28
Heat dissipation capacity	P _{diss}	W	0
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 switch gear must be observed. $\label{eq:specification}$
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. $\label{eq:continuous}$

Technical data ETIM 5.0

Low-voltage industrial components (EG000017) / One-phase control transformer (EC002486)					
Electric engineering, automation, process control engineering / Transformer, converter, coil / Control transformer / One-phase control transformer (ecl@ss8-27-03-13-02 [AAB620011])					
Built as safety transformer		No			
Built as isolating transformer		No			
Built as energy saving transformer		No			
Primary voltage 1	V	230 - 230			
Primary voltage 2	V	0 - 0			
Primary voltage 3	V	0 - 0			
Primary voltage 4	V	0 - 0			
Primary voltage 5	V	0 - 0			
Primary voltage 6	V	0 - 0			
Primary voltage 7	V	0 - 0			
Primary voltage 8	V	0 - 0			

Secondary voltage 1 V 20 - 230 Secondary voltage 2 V 0 - 0 Secondary voltage 3 V 0 - 0 Secondary voltage 4 V 0 - 0 Secondary voltage 5 V 0 - 0 Secondary voltage 6 V 0 - 0 Secondary voltage 7 V 0 - 0 Secondary voltage 8 V 0 - 0 Secondary voltage 9 V 0 - 0 Secondary voltage 10 V 0 - 0 Retad apparent power V 0 - 0 Type of insulation material acc. IEC 85 V 0 - 0 Short-circuit-proof V 0 - 0 Relative short circuit voltage V 0 - 0 Width 6 8 Height 1 1 Betative short circuit voltage % 6.8 Width 1 1 Height 1 1 Betative short circuit voltage 1 1 Betative short circuit voltage 1 1 <th></th> <th></th> <th></th>			
Secondary voltage 1 V 20 - 230 Secondary voltage 2 V 0 - 0 Secondary voltage 3 V 0 - 0 Secondary voltage 4 V 0 - 0 Secondary voltage 5 V 0 - 0 Secondary voltage 6 V 0 - 0 Secondary voltage 7 V 0 - 0 Secondary voltage 8 V 0 - 0 Secondary voltage 9 V 0 - 0 Secondary voltage 10 V 0 - 0 Retad apparent power V 0 - 0 Type of insulation material acc. IEC 85 V 0 - 0 Short-circuit-proof N No Relative short circuit voltage % 6.8 Width m 106 Height m 106 Height m 124 Depth m 100 Big core p 100 Big core p 100 Big core p 100 Big core p	Primary voltage 9	V	0 - 0
Secondary voltage 2 V 0 - 0 Secondary voltage 3 V 0 - 0 Secondary voltage 4 V 0 - 0 Secondary voltage 5 V 0 - 0 Secondary voltage 6 V 0 - 0 Secondary voltage 7 V 0 - 0 Secondary voltage 8 V 0 - 0 Secondary voltage 9 V 0 - 0 Secondary voltage 10 V 0 - 0 Reted apparent power V 0 - 0 Type of insulation material acc. IEC 85 V 0 - 0 Short-circuit-proof V 0 - 0 Relative short circuit voltage V 0 - 0 Width 6 8 Height 8 6 Width 10 12 Height 10 12 Begree of protection (IP) 10 12 Ring core 10 10 10 Suitable for mounting on PCB 10 10 10	Primary voltage 10	V	0 - 0
Secondary voltage 3 V 0 - 0 Secondary voltage 4 V 0 - 0 Secondary voltage 5 V 0 - 0 Secondary voltage 6 V 0 - 0 Secondary voltage 7 V 0 - 0 Secondary voltage 8 V 0 - 0 Secondary voltage 9 V 0 - 0 Secondary voltage 10 V 0 - 0 Rated apparent power VA 200 Type of insulation material acc. IEC 85 B No Short-circuit-proof N No Relative short circuit voltage % 6.8 Width 106 106 Height m 124 Depth m 83 Degree of protection (IP) m 83 Bing core No No Suitable for mounting on PCB No No	Secondary voltage 1	V	230 - 230
Secondary voltage 4 V 0 - 0 Secondary voltage 5 V 0 - 0 Secondary voltage 6 V 0 - 0 Secondary voltage 7 V 0 - 0 Secondary voltage 8 V 0 - 0 Secondary voltage 9 V 0 - 0 Secondary voltage 10 V 0 - 0 Rated apparent power V 20 Type of insulation material acc. IEC 85 N No Short-circuit-proof % 6.8 Width 6 8 Width 10 10 Height mm 104 Depth mm 33 Degree of protection (IP) PO PO Ring core No No Suitable for mounting on PCB No No	Secondary voltage 2	V	0 - 0
Secondary voltage 5 V 0 - 0 Secondary voltage 6 V 0 - 0 Secondary voltage 7 V 0 - 0 Secondary voltage 8 V 0 - 0 Secondary voltage 9 V 0 - 0 Secondary voltage 10 V 0 - 0 Rated apparent power V 200 Type of insulation material acc. IEC 85 B Short-circuit-proof No No Relative short circuit voltage M 4 Width mm 106 Height mm 124 Depth mm 3 Degree of protection (IP) mm 3 Ring core No No Skibble for mounting on PCB No No	Secondary voltage 3	V	0 - 0
Secondary voltage 6 V 0 - 0 Secondary voltage 7 V 0 - 0 Secondary voltage 8 V 0 - 0 Secondary voltage 9 V 0 - 0 Secondary voltage 10 V 0 - 0 Rated apparent power VA 200 Type of insulation material acc. IEC 85 B B Short-circuit-proof No No Relative short circuit voltage % 6.8 Width mm 106 Height mm 124 Depth mm 3 Degree of protection (IP) mm 8 Ring core No No Skidble for mounting on PCB No No	Secondary voltage 4	V	0 - 0
Secondary voltage 7 V 0 - 0 Secondary voltage 8 V 0 - 0 Secondary voltage 9 V 0 - 0 Secondary voltage 10 V 0 - 0 Rated apparent power VA 200 Type of insulation material acc. IEC 85 B No Short-circuit-proof No No Relative short circuit voltage % 6.8 Width mm 106 Height mm 124 Depth mm 8 Degree of protection (IP) mm 8 Ring core No No Stitle le for mounting on PCB No No	Secondary voltage 5	V	0 - 0
Secondary voltage 8 V 0 - 0 Secondary voltage 9 V 0 - 0 Secondary voltage 10 V 0 - 0 Rated apparent power VA 200 Type of insulation material acc. IEC 85 B B Short-circuit-proof No No Relative short circuit voltage % 6.8 Width mm 106 Height mm 124 Depth mm 83 Degree of protection (IP) mm 83 Ring core No No Suitable for mounting on PCB No No	Secondary voltage 6	V	0 - 0
Secondary voltage 9 V 0 - 0 Secondary voltage 10 V 0 - 0 Rated apparent power VA 200 Type of insulation material acc. IEC 85 B B Short-circuit-proof No No Relative short circuit voltage % 6.8 Width mm 106 Height mm 124 Depth mm 83 Degree of protection (IP) mm 83 Ring core No No Stitable for mounting on PCB No No	Secondary voltage 7	V	0 - 0
Secondary voltage 10 Rated apparent power Type of insulation material acc. IEC 85 Short-circuit-proof Relative short circuit voltage Width Height Depth Degree of protection (IP) Ring core Sutable for mounting on PCB V A VA 200 B B B B B B B B B B B B B	Secondary voltage 8	V	0 - 0
Rated apparent power Type of insulation material acc. IEC 85 Short-circuit-proof Relative short circuit voltage Width Height Depth Depth Ring core Ring core Suitable for mounting on PCB	Secondary voltage 9	V	0 - 0
Type of insulation material acc. IEC 85 Short-circuit-proof Relative short circuit voltage Width Height Depth Degree of protection (IP) Ring core Suitable for mounting on PCB Road-Single Single Sing	Secondary voltage 10	V	0 - 0
Short-circuit-proof Relative short circuit voltage Width Height Depth Degree of protection (IP) Ring core Suitable for mounting on PCB No No No No No No No No No N	Rated apparent power	VA	200
Relative short circuit voltage Width Imm Midth Height Depth Degree of protection (IP) Ring core Suitable for mounting on PCB Midth M	Type of insulation material acc. IEC 85		В
Width mm 106 Height mm 124 Depth mm 83 Degree of protection (IP) IP00 Ring core No No Suitable for mounting on PCB No No	Short-circuit-proof		No
Height mm 124 Depth mm 83 Degree of protection (IP) End IP00 Ring core No No Suitable for mounting on PCB No No	Relative short circuit voltage	%	6.8
Depth 83 Degree of protection (IP) IPO Ring core Suitable for mounting on PCB mm 83 IPO PO No	Width	mm	106
Degree of protection (IP) Ring core Suitable for mounting on PCB IP00 No No	Height	mm	124
Ring core No Suitable for mounting on PCB No	Depth	mm	83
Suitable for mounting on PCB No	Degree of protection (IP)		IP00
	Ring core		No
Modular version No	Suitable for mounting on PCB		No
	Modular version		No