

ORDER FORM

To order e²TANGO-400 protection relay fill in this part of the form following FORM INSTRUCTIONS provided on the next page.

STEP 1

① version 400

type S (standard, 4I+1U)

② change the way of measurement method (from core transformer) C (Rogowski coils 3I_{CR} + 1I + 1U) CZ (Rogowski coils 3I_{CR} + 1I + 1U, voltage sensors 3U)¹⁾

③ measurement card rated current 5 A 1 A X - for C or CZ

④ binary input voltage UNI (110/230 V AC/DC) 24 V (24/48 V AC/DC) other (on consultation with manufacturer)

Ethernet (standard equipment in each central unit)

⑤ COM1 x-none RS485 CAN×2 OPTOMM OPTOP Profibus other

⑥ mounting Z - flush mounting N - wall mounting

⑦ protection rating IP IP 4X IP 54²⁾

1) CZ type requires ordering TU card

2) IP54 protection rating is available only for flush mounting

STEP 2

Card name	Code	Slot				
		A	B	C	D	TU
Ethernet	-	standard for the device				
10 binary inputs	10IN		<input type="checkbox"/>			
10 binary inputs 24 V	10IN24		<input type="checkbox"/>			
8 relay outputs	8OUT			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8 binary inputs	8IN		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8 binary inputs 24 V	8IN24			<input type="checkbox"/>	<input type="checkbox"/>	
4 binary inputs and 4 relay outputs	4IO			<input type="checkbox"/>	<input type="checkbox"/>	
4 0-10 V analogue inputs	AI10			<input type="checkbox"/>	<input type="checkbox"/>	
4 4-20 mA analogue inputs	AI20			<input type="checkbox"/>	<input type="checkbox"/>	
4 0-10 V analogue outputs	A010			<input type="checkbox"/>	<input type="checkbox"/>	
4 4-20 mA analogue outputs	A020			<input type="checkbox"/>	<input type="checkbox"/>	
6 temperature inputs PT100	PT1			<input type="checkbox"/>	<input type="checkbox"/>	
6 temperature inputs PT1000	PT10			<input type="checkbox"/>	<input type="checkbox"/>	
6 arc detector inputs with CANbus communication + 3 standard detectors [*]	ARC				<input type="checkbox"/>	
voltage measurement	TU					<input type="checkbox"/>

*ARC card can only be placed in slot D

ATTENTION: Max. 1 card in slot C and 1 card in slot D

additional arc detectors (max. 3 pcs.)

only if ARC card is ordered.

additional requirements:

STEP 3

Your code:

See FORM INSTRUCTIONS on the following page

FORM INSTRUCTIONS

STEP 1

The table contains basic technical specification of e²TANGO-400 protection relay. In each item 1 through 8 choose only ONE element. If you choose "other", in STEP 3 fill in the requested value in a corresponding field.

Step 1 instructions.

-  - recommended basic configuration
- OPTOMM - multi-mode optic fibre
- OPTOP - plastic fibre optic

STEP 2

The table contains a list of available expansion cards and their possible installation locations in e²TANGO-400 protection relay

If no check mark field is available the card cannot be installed in a given location. Select desired cards from the list and put an "X" mark next to slot where the card is to be installed.

Any additional requirements should be described in designated fields.

Step 2 instructions.

-  - recommended basic configuration
- max. 1 AI10 card or 1 AI20 card
- max. 1 AO10 card or 1 AO20 card
- max. 1 PT1 card or 1 PT10 card
- max. 1 ARC card

Device slot C and D view



STEP 3

e²TANGO-400 protection system parameters selected above should be filled-in in corresponding locations. Send thus created e²TANGO code along with other requirements or a scanned form page and order form to: eaz@elektrometal-energetyka.pl

Sample e²TANGO-400 protection configuration:

① e ² TANGO-400	⑦ IP 4X
② Standard	A slot A: 10IN24 card
④ Universal 230 / 110 AC / DC	B slot B: 8OUT card
⑤ OPTOMM	C slot C: 8OUT card
⑥ Flush mounting	D slot D: ARC card
	TU slot TU: TU card

Sample e²TANGO-400 protection configuration:

e ² TANGO	400	S	5A	UNI	OPTOMM	Z	IP 4X	10IN24	8OUT	8OUT	ARC	TU
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