

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	<input checked="" type="checkbox"/> 400						
② type	<input checked="" type="checkbox"/> S (standard, 4I+1U)						
change the way of measurement method (from core transformer)	<input type="checkbox"/> C (Rogowski coils 3I _{CR} + 1I + 1U) <input type="checkbox"/> CZ (Rogowski coils 3I _{CR} + 1I + 1U, voltage sensors 3U) ¹⁾						
③ measurement card rated current	<input checked="" type="checkbox"/> 5A	<input type="checkbox"/> 1A	<input type="checkbox"/> X - for C or CZ				
④ binary input voltage	<input checked="" type="checkbox"/> UNI (110/230 V AC/DC)	<input type="checkbox"/> 24 V (24/48 V AC/DC)	<input type="checkbox"/> other (on consultation with manufacturer)				
Ethernet (standard equipment in each central unit)							
⑤ COM1	<input checked="" type="checkbox"/> x-none	<input type="checkbox"/> RS485	<input type="checkbox"/> CANx2	<input type="checkbox"/> OPTOMM	<input type="checkbox"/> OPTOP	<input type="checkbox"/> Profibus	<input type="checkbox"/> other
⑥ mounting	<input checked="" type="checkbox"/> Z-flush mounting					<input type="checkbox"/> N-wall mounting	
⑦ protection rating IP	<input checked="" type="checkbox"/> IP4X	<input type="checkbox"/> IP54 ²⁾					
⑧ language version	<input type="checkbox"/> PL	<input checked="" type="checkbox"/> EN	<input type="checkbox"/> other (on consultation with manufacturer)				

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	standard for the device**				
10 binary inputs 24 V	10IN24					
8 relay outputs	8OUT	standard for the device				
8 binary inputs	8IN	X				
8 binary inputs 24 V	8IN24					
4 binary inputs and 4 relay outputs	4IO					
4 0-10 V analogue inputs	AI10					
4 4-20 mA analogue inputs	AI20					
4 0-10 V analogue outputs	AO10					
4 4-20 mA analogue outputs	AO20					
6 temperature inputs PT100	PT1					
6 temperature inputs PT1000	PT10					
6 arc detector inputs with CANbus communication + 3 standard detectors*	ARC					
voltage measurement	TU					

*ARC card can only be placed in slot D

** choose one of the cards: 10 binary inputs or 10 binary inputs 24 V

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 A010 card or 1 A020 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 | ⑧ EN |
| ② Standard | ⑨ slot A: 10IN24 card |
| ④ Universal 230 / 110 AC / DC | ⑩ slot B: 8OUT card |
| ⑤ OPTOMM | ⑪ slot C: 8OUT card |
| ⑥ Flush mounting | ⑫ slot D: ARC card |
| ⑦ IP4X | ⑬ slot TU: TU card |

Sample e²TANGO-400 protection relay configuration:

e²TANGO 400 S 5A UNI OPTOMM Z IP4X EN 10IN24 8OUT 8OUT ARC TU