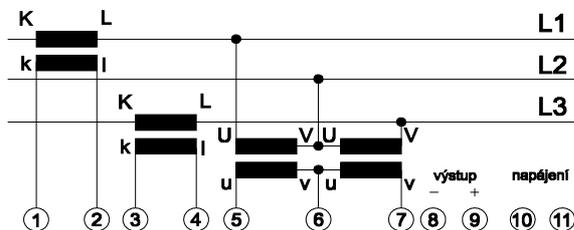


Connection terminals:

The terminals accept conductors up to 4 mm². We recommend using a cable with a core cross section of 0.5 mm². In noisy environments, use shielded cable.

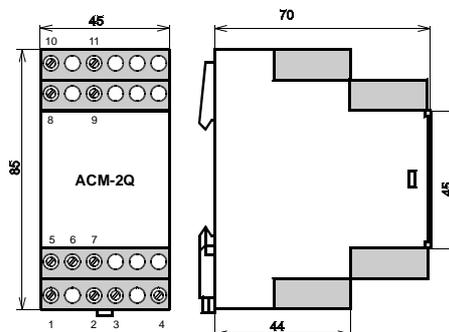
Transducer connection variants:

3-wire 3-phase unbalanced grip (Aron) , type ACM-2Q:



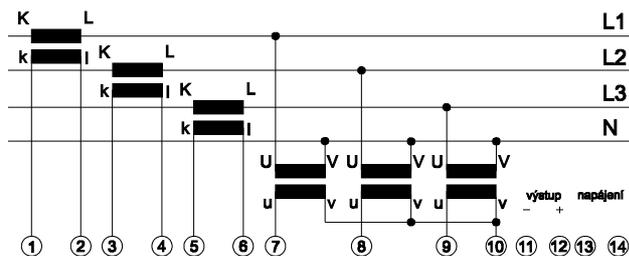
Terminals: 1,2,3,4 ... input of the phase current
5,6,7 input of the phase voltage
8,9 output signal (9 is +)
10,11 auxiliary power supply without polarity

Dimensional drawing:

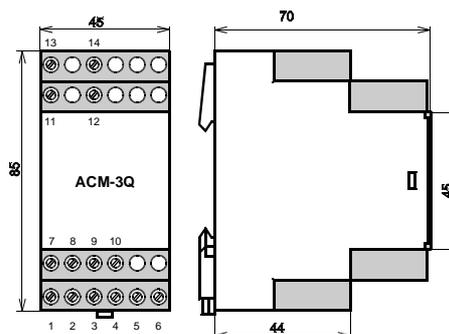


Reactive power: $Q = \sqrt{3} \cdot U_s \cdot I_f \cdot \sin \varphi$
 U_s – phase to phase voltage
 I_f – phase current

4-wire 3-phase unbalanced grip , type ACM-3Q:



Terminals: 1,2,3,4,5,6 ... input of the phase current
7,8,9,10 input of the phase voltage
11,12 output signal (12 is +)
13,14 auxiliary power supply without polarity



Reactive power: $Q = 3 \cdot U_f \cdot I_f \cdot \cos \varphi$
 U_f, I_f – phase current and voltage

Ordering instructions:

Your order should include:

- transducer type
- rated input voltage (transformer ratio)
- rated input current (transformer ratio)
- measuring range of power
- output range
- other requirements (other nominal frequency ..)
- quantity (No. of pieces)

Ordering example:

ACM-3Q 6000/100V 100/5A -0,9..+1,5MVAR/4..20mA
1pcs

transducer for 3-phase 4-wire grip,
input voltage with transformer 6000/100V,
input current with transformer 100/5A,
measuring supply energy 0,9MVAR
measuring consumption energy 1,5MVAR
output range 4..20mA.
input value 0MW corresponds to the 10mA output value

You can enter active power different from the rated power up to $\pm 30\%$. This should include transfers of current and voltage transformers and the required range of active power. When measurement of supply and consumption of energy it is necessary to mention it on the order. When supply and consumption of energy are unbalanced it is necessary to state their both size on the order. The transducer output is always unipolar.



Likvidaci po ukončení životnosti provést odděleným sběrem.
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