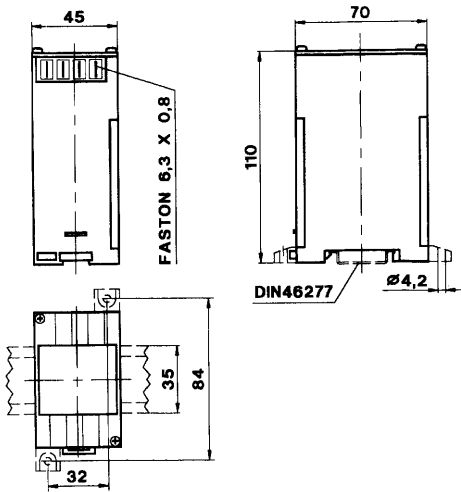
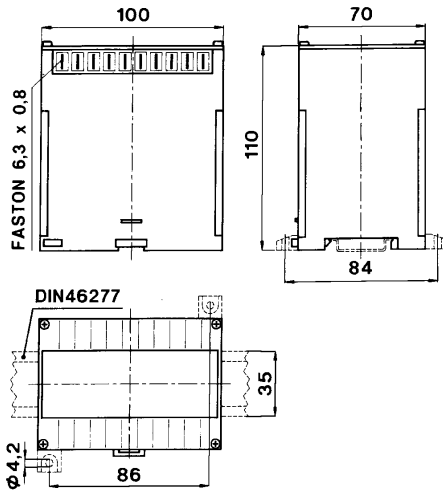


# Transformer designed for Summation without Galvanic Insulation

**MCOS2**



**MCOS3 - MCOS6**



## TECHNICAL DATA

accuracy (class)	1%
self-consumption auxiliary voltage	3-6 VA
continuous overload	2 I <sub>n</sub>
short-term overload	20 I <sub>n</sub>
response time	<300ms
storage temperature	-30...+70°C
operating temperature	-10...+50°C
test voltage	2kV-50Hz-60s
surge test	5kV; 1,2/50µs
no galvanic insulation of input and output	

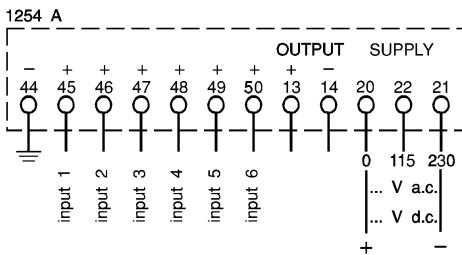
<b>input (max. 6):</b>	±1mA	±5mA	±20mA	4-20mA	±10V
<b>burden (input):</b>	1000Ω	200Ω	100Ω	50Ω	2000Ω
<b>output:</b>	±1mA	±5mA	±20mA	4-20mA	±10V
<b>burden (output):</b>	15kΩ	3000Ω	750Ω	750Ω	>2000Ω

number of inputs:	Order Code
2	MCOS2
3	MCOS3
4	MCOS4
5	MCOS5
6	MCOS6

Transducer for summation are used for adding or subtracting up to 6 galvanic insulated D.C. current or D.C. voltage signals. For summation please state the measuring ranges of the transducers arranged upstream when ordering.

Please note: Transducers designed for summation do not have a galvanic insulation of input and output signal.

auxiliary voltage: 115 and 230V A.C. ±10% (3VA)  
 on demand: 24 - 400V A.C. (3VA)  
 24-48-110V D.C. -10 +20% (3W)



## Order Information

- Order Code
- Primary Current or Voltage
- Secondary Current or Voltage
- Auxiliary Voltage



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