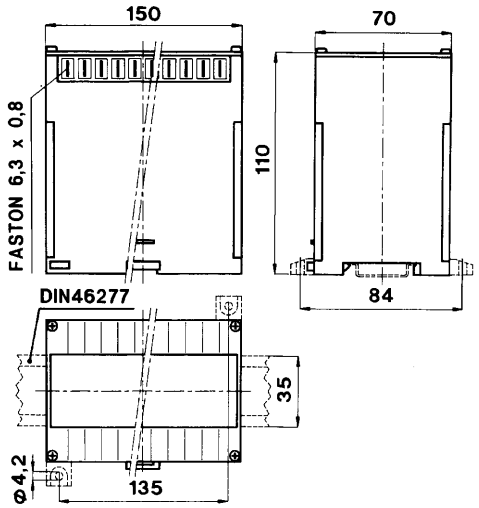
Transducer designed for
D.C. Current, D.C. Voltage and Power



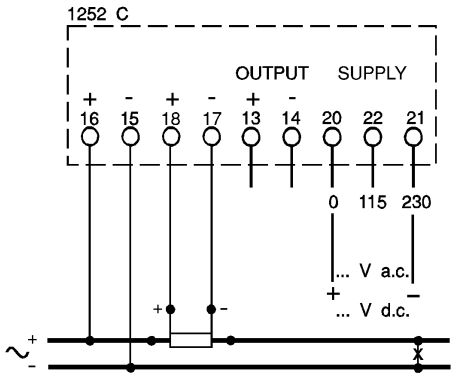
TECHNICAL DATA

accuracy (class)	1%
self-consumption – current path	60mV Ri=100kΩ
self-consumption – voltage path	100µA
continuous overload	2 In, 1,2 Un
short-term overload (1s)	20 In, 2 Un
response time	<200ms
storage temperature	-30…+70°C
operating temperature	-10…+50°C
test voltage	2kV-50Hz-60s
surge test	5kV; 1,2/50µs
input range	20…120%
galvanic insulation of input, output and auxiliary voltage	

input voltage:	0-12V; 0-24V; 0-48V; 0-110V; 0-230V; 0-400V				
input current:	0-1A; 0-5A; 0-10A *D.C. direct connection*				
input current:	60mV; 100mV; 150mV *connected via shunt*				
output:	0-1mA	0-5mA	0-20mA	4 - 20mA	0-10V
burden:	15KΩ	3000Ω	750Ω	750Ω	>2000Ω

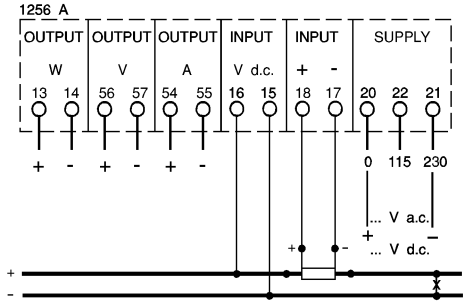
input signal	**Order Code**	
D.C. power	**MCOWM**	
D.C. current, D.C. voltage and power	**MCOWMT**	

MCOWM



Transducer type **MCOWM** is used for converting a D.C. circuit power into a proportional impressed D.C. current or D.C. voltage.
Primary current is connected either directly or via shunt.
Primary voltage is connected directly.
Input and output are bipolar.

MCOWMT



Transducer type **MCOWMT** is used for converting D.C. circuit power, D.C. current and D.C. voltage into a proportional impressed D.C. current or D.C. voltage.
Primary current is connected either directly or via shunt.
Primary voltage is connected directly.
Input and output are unipolar.

auxiliary voltage: 115V and 230V A.C. ±10% (3VA)
on demand: 24 - 400V A.C. (3VA) ±10%; 24-48-110V D.C. -10 +20% (3W)
Transmission behavior: characteristic curve A, C, D or E

Order Information

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

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