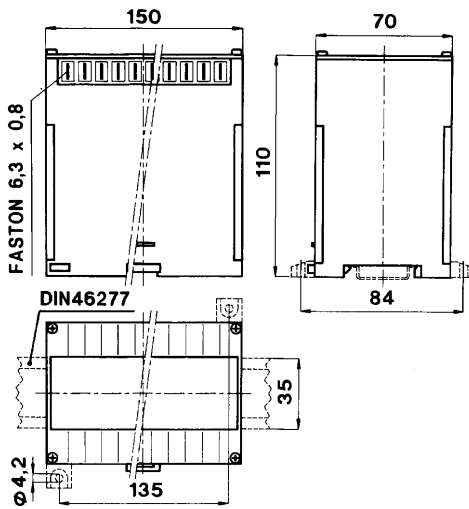
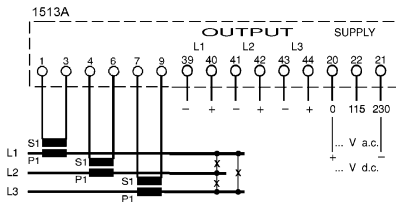


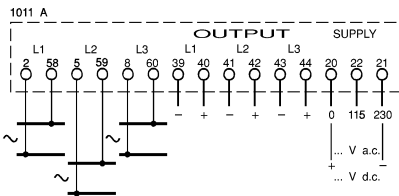
A.C. Transducer with Auxiliary Voltage designed for 3 x Current or 3 x Voltage



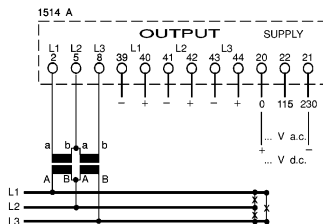
MCOEQ3 & MCORQ3



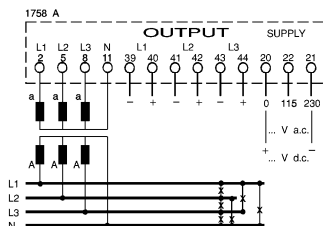
MCOEV3 & MCORV3



MCOED3 & MCORD3



MCOET3 & MCORT3



TECHNICAL DATA

accuracy (class)	1%
frequency	50, 60 or 400 Hz
self-consumption	3x0,5VA
continuous overload	2 In; 1,2 Un
short-term overload	20 In; 2 Un
ripple	<1%
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	0...120%
galvanic insulation of input, output and auxiliary voltage	

input voltage:	100V/√3; 110V/√3; 100V; 110V; 230V; 250V; 400V; 440V
input current:	1A; 2,5A; 5A
output:	0 - 1mA 0 - 5mA 0 - 20mA 4 - 20mA 0 - 10V
burden:	15kΩ 3000Ω 750Ω 750Ω >2000Ω

Measuring Range / Combinations

		Order Code
3 x sinusoidal A.C. current	single phase current	MCOEQ3
3 x sinusoidal A.C. voltage	single phase voltage	MCOEV3
3 x sinusoidal A.C. voltage	L1L2 - L2L3 - L3L1	MCOED3
3 x sinusoidal A.C. voltage	L1N - L2N - L3N	MCOET3
3 x RMS A.C. current	single phase current	MCORQ3
3 x RMS A.C. voltage	single phase voltage	MCORV3
3 x RMS A.C. voltage	L1L2 - L2L3 - L3L1	MCORD3
3 x RMS A.C. voltage	L1N - L2N - L3N	MCORT3

Transducer type **MCOE.3** are used for converting three sinusoidal A.C. currents or three sinusoidal A.C. voltages into three proportional impressed D.C. currents.
Transmission behavior: characteristic curve A, B or C

Transducer type **MCOE.3** are used for converting three **non-sinusoidal** (TRMS) A.C. currents or three sinusoidal A.C. voltages into three proportional impressed D.C. currents.

possible additional error: (crest factor) <3 = 0,5% or <7 = 1%

Transmission behavior: characteristic curve A, B or C

auxiliary voltage: 115V 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
- Frequency

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