



# Selection guide

## Indicators and transducers

What function?



What characteristics?

Analogue	
AC and DC measurements	

### Characteristics

Type	DIN - ROTEX
Indication, display or output	Pointer deflection: 90°
Mounting	Flush-mounted; modular on DIN rail
Format	48 x 48 - 72 x 72 - 96 x 96 (mm)

### AC measurements

Current measurements	Direct 1 to 100 A On 5 A CT Indication: $I_n$ ; 5 $I_n$	Standard ammeter
Voltage measurement	Direct 6 to 600 V	Indication: $U_n$ Standard or switch voltmeter
Active power measurement		
Timers	Voltage 24 to 400 VAC	

### DC measurement

Current measurements	Direct 100 $\mu$ A to 50 A	On shunt 100 mv
Voltage measurement	Direct 25 to 500 V	
Timers and pulse counters	Voltage 10 to 220 VDC	
Other measurements	Synchronisation devices Temperature measurement	Other values Maritime applications Railway applications

Which AC measurement?

Which DC measurement?

For what use?

**transducers**



Measuring transducers

CS - CM  
Standardised analogue output  
Protruding or modular on DIN rail  
CS: 75 or 150 mm; CM: 6 modules

Direct 1 to 5 A. Current output 4 ... 20 mA  
Self-powered or with auxiliary power supply

400 V voltage With auxiliary power supply  
5 A CT Current output 4 ... 20 mA