

	XL	BRW-2	BW
			
Types:	XL72, XL96, XL144, XL192	BRW-2	BW144, BW192
Panel cutout according to DIN:	Q72, Q96, Q144, Q192	—	—
Pointer deflection:	180°, 240°, 300°, 360°	180°, 240°, 300°, 360°	180°, 240°, 300°, 360°
Protection IP52/IP54:	IP52	—	—
Protection IP66:	On request	✓	✓
Built-in dimmer:	—	✓	✓
Long life LED illumin.:	✓	✓	✓
Accuracy class:	0.5	0.5	0.5
Scale base colour:	White or black	White or black	White or black
Figures, div. lines:	Black, yellow, red, green, etc.	Black, yellow, red, green, etc.	Black, yellow, red, green, etc.
Pointer:	Yellow illuminated or black shadow	Yellow illuminated or black shadow	Yellow illuminated or black shadow
Interface:	Analogue or CANopen	Analogue or CANopen	Analogue or CANopen
Type approved by:	MED	MED	MED

	Panorama Rudder Indicator	Panorama Rudder Indicator	
			
Types:	TRI-2 (Ø370)	RT-2	
Panel cutout according to DIN:	—	—	
Pointer deflection:	3 × 90°	0...90°, 0...140°	
Protection IP52/IP54:	IP54	IP66	
Protection IP66:	—	—	
Built-in dimmer:	✓	—	
Long life LED illumin.:	✓	—	
Accuracy class:	1.5	0.5	
Scale base colour:	White or black	—	
Figures, div. lines:	Black, yellow, red, green, etc.	—	
Pointer:	Black or yellow	—	
Interface:	Analogue	0...20mA or 4...20mA	

DC/DC Insulation Amplifiers, TDG-210DG



Main function:	Converting one type of DC signal into another DC signal, separating a number of earthing points, galvanic separation of current signals, conversion of measuring signal, adaption of measuring range, separation of measuring circuits, measuring on DC shunts or measuring of DC voltages.
Size, DIN rail (mm):	108 × 98,4
Accuracy class:	0.5
Connection:	–
Measuring principle:	–
Measuring voltage:	–
Current standard input:	Different ranges available within the limit of ± 1 -50mA
Voltage input:	Different ranges available within the limit of ± 60 mV-400V
Measuring range:	–
Meas. frequency:	–
Output (0...100%):	0...1mA, 0...5mA, 0...10mA, 0...20mA 0...1V, 0...10V
Output (20...100%):	0.2...1mA, 1...5mA, 2...10mA, 4...20mA 0.2...1V, 2...10V
Output (-100...0...100%):	± 1 mA, ± 5 mA, ± 10 mA, ± 20 mA, ± 1 V, 10V
Auxiliary supply, DC:	24...48...110...220V DC (2.5W) DC/DC
Auxiliary supply, AC:	57.7...440V AC $\pm 20\%$, 3.5VA (45...65Hz)

Multi-Transducers, MTR-2, MTR-2F



Size (mm):	100 × 75 (35 mm DIN-rail)
Main function:	Measurement of voltage, current, directional current, active-, reactive- and apparent power, CosPhi, frequency, THD, demand functions
Connection:	Single phase, 3-phase 3-wire balanced load, 3-phase 4-wire balanced load, 3-phase 3-wire unbalanced load, 3-phase 4-wire unbalanced load
Accuracy class:	0.5
Output:	0 analogue, RS485 Modbus (MTR-2-015) 2 analogue, RS485 Modbus (MTR-2F-215) 3 analogue, RS485 Modbus (MTR-2-315) 4 analogue, RS485 Modbus (MTR-2-415)
Measuring current:	-1A or -5A
Measuring voltage:	87...866V AC phase - phase
Auxiliary voltage, DC:	19...300V DC
Auxiliary supply, AC:	40...276V AC
Response time:	MTR-2 <300 ms, MTR-2F <50 ms