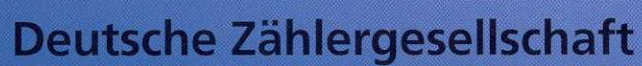


Ferraris meters



Single phase meter / 3 & 4-wire balanced loads

		direct connection			transformer connection		transformer connection balanced loads			
							4-wire	3-wire		
type		W603U	W624U	W626U	MW601U	MW602U	MW601U/V	MW602U/V	MW601U/D	MW602U/D
class		2	2	2	2	2				
rated voltage range	V	110-250	220-230	220-230	58-250	58-250	3x58/100-3x260/450	3x110/190-3x260/450	3x100-3x500	3x100-3x500
basic (max.) current	A	10(30)	10(40)	10(60)	1 5	1(2) 5(10)	1 5	1(2) 5(10)	1 5	1(2) 5(10)
maximum load	%I _N	300	400	600	125	200	125	200	125	200
power loss/phase in voltage circuit at U _N	VA	4.2	4.2	4.1	4.2	4.2	4.2	4.2	4.2	4.2
	W	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
power loss/phase in current circuit at I _N	VA	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	W									
weight of meter	kg	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4

Table of the most common versions, other versions on request.

Transformer-operated polyphase meters

		4-wire connection					3-wire connection			
type		MDV601U	M1DV601U	MDV602U	MDV616U	M1DV626U	MDD601U	M1DD601U	MDD602U	MDD616U
class		2	1	2	2	1	2	1	2	2
rated voltage range	V	3x58/100-3x260/450	3x58/100-3x260/450	3x58/100-3x260/450	3x58/100-3x400/690	3x58/100-3x260/450	3x100-3x660	3x100-3x660	3x100-3x660	3x100-3x660
basic (max.) current	A	1 5	1 5	1(2) 5(10)	5 1 5	5 1 5	1 5	1 5	1(2) 5(10)	5 1 5
maximum load	%I _N	125	125	200	125*	125*	125	125	200	125*
power loss/phase in voltage circuit at U _N	VA	3.8	3.2	3.8	3.8	3.8	3.8	3.2	3.8	3.8
	W	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.8
power loss/phase in current circuit at I _N	VA	0.5	0.5	0.5	1.4 (5A)	0.04 (1A) 1.2 (5A)	0.5	0.5	0.5	1.4 (5A)
	W									
weight of meter	kg	3.3	3.3	3.3	3.3	3.3	2.8	2.8	2.8	2.8

*) with reference to 5A

Table of the most common versions, other versions on request.

Whole current polyphase meters

		4-wire connection						3-wire connection
type		DV603U	DV604U	DV615U	DV616U	DV628U	DV620U	DD626U
class		2	2	2	2	2	2	2
rated voltage range	V	3x110/190-3x260/450	3x110/190-3x260/450	3x220/380-3x230/400	3x220/380-3x230/400	3x220/380-3x230/400	3x220/380-3x230/400	3x190-3x660
basic (max.) current	A	10(30)	10(40)	20(100)	10(60)	5(40) 10(80)	5(50) 10(100)	10(60) 20(120)
maximum load	%I _N	300	400	500	600	800	1000	600
power loss/phase in voltage circuit at U _N	VA	3.5	3.5	4.8	4.9	5.3	5.3	4.8
	W	0.8	0.8	0.9	0.9	1.1	1.2	1.1
power loss/phase in current circuit at I _N	VA	0.15	0.15	0.18	0.1	0.1	0.1	0.1
weight of meter	kg	3.2	3.2	3.85	3.3	3.3 3.85	3.3 3.85	2.8 3.35

Table of the most common versions, other versions on request.

Type scheme for Ferraris meters

1	2	3	4	5	6	7	8	9	
M									Meter for direct connection
M1									transformer operated meter
									transformer operated meter class 1*
	B								active energy meter
									reactive energy meter
		DV							4-wire connection meter
		DD							3-wire connection meter
		W							single phase meter
			60						series 60
			61						series 61
			62						series 62
				1					load factor 125%
				2					load factor 200%
				3					load factor 300%
				4					load factor 400%
				5					load factor 500%
				6					load factor 600%
				8					load factor 800%*
				0					load factor 1000%*
					U				magnetic bearing
					U2				double jewel bearing
									special bearing for difficult environments*
						T			single tariff
						T3			double tariff
						T4			three tariff*
									import-export meter*
							F		electronic S0 pulse device
							F2		pulse device (Reed contact)
							F3		S0 pulse device with electronic reverse running brake*
							F6		S0 pulse device with pulse value adjustment*
								R	reverse-running brake

e.g. MBDV616UTFR means transformer-operated meter (M), for reactive energy (B), 3-phase, 4-wire system (DV), series 61, admissible load factor 600% I_N (.6) with reference to 1A, double jewel bearing (U), two-tariff register (T), pulse device (F), reverse-running brake (R)

*) not available for single-phase meters

Technical drawing of a rectangular box. The drawing includes a top view, a front view, and a perspective view. Dimensions are given in millimeters.

Top View Dimensions:

- Overall width: 134
- Inner width: 74
- Distance from inner width to side edge: 16
- Distance from inner width to top edge: 6,2
- Distance from inner width to bottom edge: 89
- Distance from inner width to right edge: 20
- Distance from inner width to left edge: 20
- Distance from inner width to bottom edge: 80
- Distance from inner width to right edge: 4,9
- Distance from inner width to left edge: 16
- Distance from inner width to bottom edge: 2,2
- Distance from inner width to right edge: 3,5
- Distance from inner width to left edge: 3,5
- Distance from inner width to bottom edge: 6,5
- Distance from inner width to right edge: 3,2
- Distance from inner width to left edge: 7
- Distance from inner width to bottom edge: 2,0
- Distance from inner width to right edge: 18
- Distance from inner width to left edge: 23
- Distance from inner width to bottom edge: 9,9
- Distance from inner width to right edge: 5,8
- Distance from inner width to left edge: 105
- Distance from inner width to right edge: 132

Front View Dimensions:

- Overall height: 17
- Distance from top edge to bottom edge: 115
- Distance from top edge to bottom edge: 117,5
- Distance from top edge to bottom edge: 155
- Distance from top edge to bottom edge: 226
- Distance from top edge to bottom edge: 8
- Distance from top edge to bottom edge: 26,5
- Distance from top edge to bottom edge: 13,5
- Distance from top edge to bottom edge: 35
- Distance from top edge to bottom edge: 37

Perspective View Dimensions:

- Overall width: 120
- Distance from top edge to bottom edge: 17
- Distance from top edge to bottom edge: 115
- Distance from top edge to bottom edge: 117,5
- Distance from top edge to bottom edge: 155
- Distance from top edge to bottom edge: 226
- Distance from top edge to bottom edge: 8
- Distance from top edge to bottom edge: 26,5
- Distance from top edge to bottom edge: 13,5
- Distance from top edge to bottom edge: 35
- Distance from top edge to bottom edge: 37

Technical drawing of the 1000 Series LED light fixture, showing top, front, and side views with dimensions in mm.

Top View Dimensions:

- Overall width: 144
- Overall height: 171
- Inner square width: 117
- Inner square height: 95
- Inner square width (inner): 82
- Inner square height (inner): 82
- Mounting hole diameter: $\phi 8$
- Mounting hole spacing (horizontal): 5.5, 3.5, 5.5
- Mounting hole spacing (vertical): 21, 16, 33, 10, 8
- Bottom mounting hole diameter: $\phi 8$
- Bottom mounting hole spacing (horizontal): 105
- Bottom mounting hole spacing (vertical): 11

Front View Dimensions:

- Overall width: 117
- Overall height: 194
- Top mounting hole diameter: $\phi 10$
- Top mounting hole spacing (horizontal): 32.5, 106
- Top mounting hole spacing (vertical): 155
- Top mounting hole diameter: $\phi 10$
- Top mounting hole spacing (vertical): 18.5
- Top mounting hole diameter: $\phi 10$
- Top mounting hole spacing (vertical): 16.5
- Top mounting hole diameter: $\phi 10$
- Top mounting hole spacing (vertical): 120

Side View Dimensions:

- Overall width: 117
- Overall height: 155
- Top mounting hole diameter: $\phi 10$
- Top mounting hole spacing (horizontal): 32.5, 106
- Top mounting hole spacing (vertical): 155
- Top mounting hole diameter: $\phi 10$
- Top mounting hole spacing (vertical): 18.5
- Top mounting hole diameter: $\phi 10$
- Top mounting hole spacing (vertical): 16.5
- Top mounting hole diameter: $\phi 10$
- Top mounting hole spacing (vertical): 120

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