

Cable split core current transformers

Innovative and reliable

- Particularly well suited to digital measurement devices
- Especially fast installation
- For applications with insulated cable up to 2 x 42 mm max.
- Transformation ratio of 60 ... 1000 / 1 A or 150 ... 1,000 / 5 A
- Including color-coded secondary cables
- Additional fastening of the transformer with the two UV-resistant cable ties provided
- Especially suited for retrofitting, primary circuit must not be disconnected
- Ideal for use in very compact installation spaces



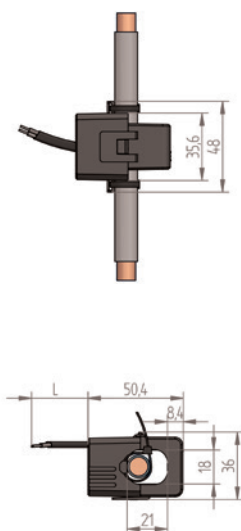
Fig.: Type KUW4.2/60



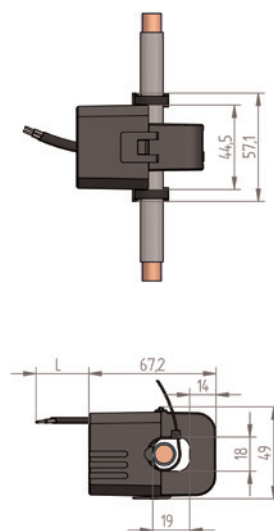
Dimension diagrams

All dimensions in mm

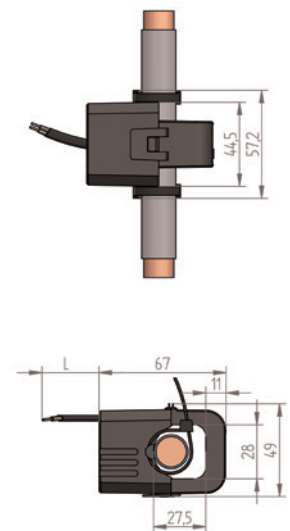
KUW1/30



KUW1/40



KUW2/40

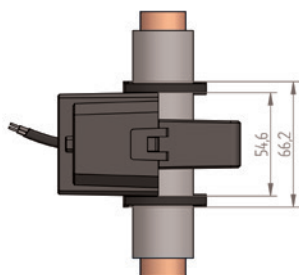




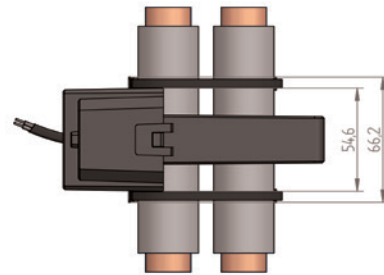
Technical data

Environmental conditions	
Position of installation	For indoor usage, only for insulated cables
Ambient temperature	-10 ... +55 °C
Relative humidity	5 ... 85 % (no condensation)
Protection class	IP20
Application conditions	
Standard	IEC 61869-2
Thermal short time rated current	60 x I _n / 1 s
Thermal continuous current	100 %
Rated isolation level	0.72 / 3 / kV
Rated frequency	50 / 60 Hz
Insulation class	E (120 °C)
Cable feed through window	For conductors max. Ø 18 / 28 / 42 or 2 x 42 mm
Secondary conductor	... / 1 A: 0.5 mm ² ... / 5 A: 1.5 mm ²

KUW4/60



KUW4.2/60



Basic Information for the use of current transformer can be found in chapter 10.

Series KUW1 for insulated cable up to max. 18 mm diameter

Type	Primary current in A	Secondary current in A	Power in VA (at the end of the wire)	Class	Cable length in m	Diameter Primary conductor in mm	Weight (kg)	Item no.
KUW1/30-60	60	1	0.2	3	3	18	0.3	15.03.510
KUW1/30-75	75	1	0.2	3	3	18	0.3	15.03.511
KUW1/30-100	100	1	0.2	3	3	18	0.3	15.03.512
KUW1/30-125	125	1	0.2	3	3	18	0.3	15.03.513
KUW1/30-150	150	1	0.2	3	3	18	0.3	15.03.514
KUW1/30-200	200	1	0.2	1	3	18	0.3	15.03.515
KUW1/30-250	250	1	0.2	1	3	18	0.3	15.03.317
KUW1/40-100	100	1	0.2	1	3	18	0.4	15.03.320
KUW1/40-125	125	1	0.2	1	3	18	0.4	15.03.321
KUW1/40-150	150	1	0.2	1	3	18	0.4	15.03.322
KUW1/40-200	200	1	0.2	0.5	3	18	0.4	15.03.325
KUW1/40-250	250	1	0.2	0.5	3	18	0.4	15.03.326
KUW1/40-150	150	5	1	1	0.5	18	0.4	15.03.329
KUW1/40-200	200	5	1	1	0.5	18	0.4	15.03.330
KUW1/40-250	250	5	1	0.5	0.5	18	0.4	15.03.331

Series KUW2 for insulated cable max. 28 mm diameter

Type	Primary current in A	Secondary current in A	Power in VA (at the end of the wire)	Class	Cable length in m	Diameter Primary conductor in mm	Weight (kg)	Item no.
KUW2/40-200	200	1	0.2	1	3	28	0.3	15.03.351
KUW2/40-250	250	1	0.2	1	3	28	0.3	15.03.352
KUW2/40-300	300	1	0.2	1	3	28	0.3	15.03.354
KUW2/40-400	400	1	0.2	1	3	28	0.4	15.03.356
KUW2/40-500	500	1	0.2	0.5	3	28	0.4	15.03.358
KUW2/40-250	250	5	1	1	0.5	28	0.3	15.03.353
KUW2/40-300	300	5	1	1	0.5	28	0.3	15.03.355
KUW2/40-400	400	5	1	1	0.5	28	0.3	15.03.357
KUW2/40-500	500	5	1	1	0.5	28	0.3	15.03.359

Series KUW4/60 for insulated cable up to max. 42 mm diameter

Type	Primary current in A	Secondary current in A	Power in VA (at the end of the wire)	Class	Cable length in m	Diameter Primary conductor in mm	Weight (kg)	Item no.
KUW4/60-250	250	1	0.5	1	5	42	0.6	15.03.565
KUW4/60-300	300	1	0.5	1	5	42	0.6	15.03.566
KUW4/60-400	400	1	0.5	0.5	5	42	0.6	15.03.568
KUW4/60-500	500	1	0.5	0.5	5	42	0.6	15.03.570
KUW4/60-600	600	1	0.5	0.5	5	42	0.6	15.03.572
KUW4/60-750	750	1	0.5	0.5	5	42	0.6	15.03.574
KUW4/60-800	800	1	0.5	0.5	5	42	0.6	15.03.576
KUW4/60-1000	1,000	1	0.5	0.5	5	42	0.6	15.03.578
KUW4/60-300	300	5	0.5	1	3	42	0.6	15.03.367
KUW4/60-400	400	5	0.5	1	3	42	0.5	15.03.369
KUW4/60-500	500	5	0.5	1	3	42	0.6	15.03.371
KUW4/60-600	600	5	0.5	0.5	3	42	0.5	15.03.373
KUW4/60-750	750	5	0.5	0.5	3	42	0.6	15.03.375
KUW4/60-800	800	5	0.5	0.5	3	42	0.6	15.03.377
KUW4/60-1000	1,000	5	0.5	0.5	3	42	0.6	15.03.379

Series KUW4.2/60 for insulated cable up to max. 2 x 42 mm diameter

Type	Primary current in A	Secondary current in A	Power in VA (at the end of the wire)	Class	Cable length in m	Diameter Primary conductor in mm	Weight (kg)	Item no.
KUW4.2/60-250	250	1	0.5	1	5	42 x 84	0.7	15.03.580
KUW4.2/60-300	300	1	0.5	1	5	42 x 84	0.8	15.03.581
KUW4.2/60-400	400	1	0.5	0.5	5	42 x 84	0.7	15.03.583
KUW4.2/60-500	500	1	0.5	0.5	5	42 x 84	0.8	15.03.585
KUW4.2/60-600	600	1	0.5	0.5	5	42 x 84	0.7	15.03.587
KUW4.2/60-750	750	1	0.5	0.5	5	42 x 84	0.8	15.03.589
KUW4.2/60-800	800	1	0.5	0.5	5	42 x 84	0.8	15.03.591
KUW4.2/60-1000	1,000	1	0.5	0.5	5	42 x 84	0.8	15.03.593
KUW4.2/60-300	300	5	0.5	1	3	42 x 84	0.7	15.03.382
KUW4.2/60-400	400	5	0.5	1	3	42 x 84	0.8	15.03.384
KUW4.2/60-500	500	5	0.5	1	3	42 x 84	0.6	15.03.386
KUW4.2/60-600	600	5	0.5	0.5	3	42 x 84	0.7	15.03.388
KUW4.2/60-750	750	5	0.5	0.5	3	42 x 84	0.8	15.03.390
KUW4.2/60-800	800	5	0.5	0.5	3	42 x 84	0.8	15.03.392
KUW4.2/60-1000	1,000	5	0.5	0.5	3	42 x 84	0.8	15.03.394