

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



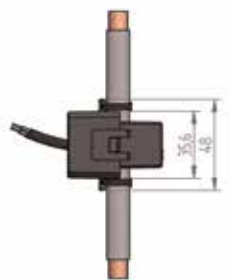
Fig.: Type KUW4.2/60



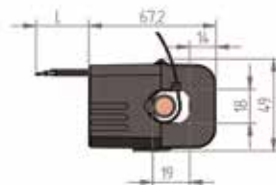
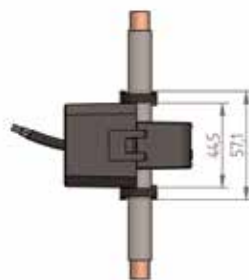
Dimension diagrams

All dimensions in mm

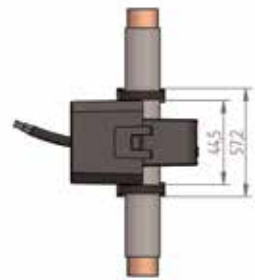
KUW1/30



KUW1/40



KUW2/40



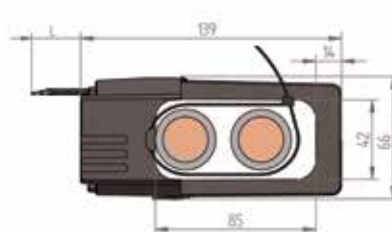
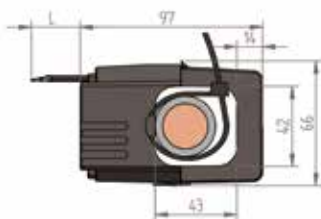
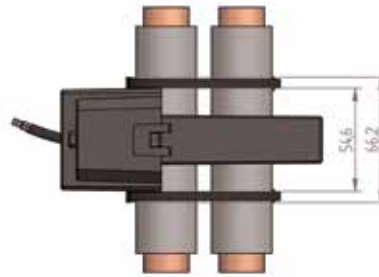
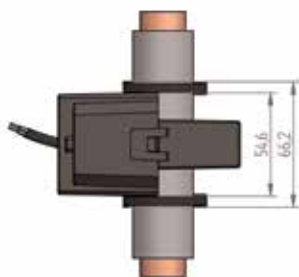


Technical data

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.

Chapter 06

Cable split core current transformers

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