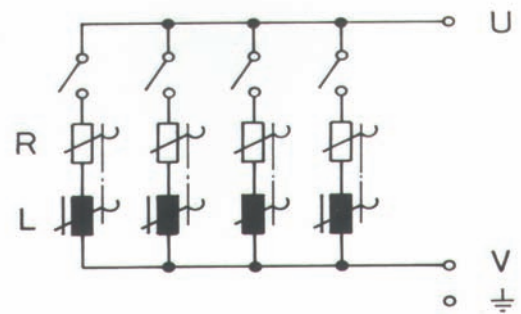




3600 SERIES

Standard Burden for Current and Voltage Transformers



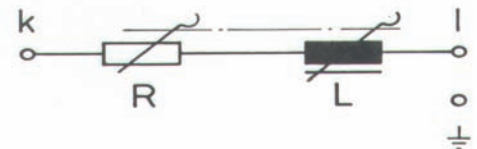
Voltage burden

BURDENS FOR MEASUREMENTS WITH AUTOMATIC TETTEX INSTRUMENT TRANSFORMER TEST SET, TYPE 2767

CURRENT BURDENS

According to VDE/PTB

Frequency: 50 Hz
 Limit of error: $\pm 3\%$ (R, L)
 For load: IN = 1 A: 5...200 % IN
 IN = 5 A: 5...200 % IN
 Limit of error: $\pm 3\%$ (R)
 $\pm 10\%$ (L) ** $\pm 3\%$ on request
 For load IN = 5 A: 1... < 5 % IN
 Calibrated leads: 0.03 Ω
 Power ranges: Power stage may be selected
 Individually



Current burden

Type	Rated currents IN	cos β	Power ranges	Dim. w x h x d	Weight
3631	1 A	1 0.8	1.25 - 2.5 - 3.75 VA 5-7.5-10-11.25-15-20-22.5-30-45-60 VA	19" Rack	= 21 kg
	5 A	1 0.8	1.5-2.5-3.75 VA 5-7.5-10-11.25-15-20-22.5-30-45-60 VA	482 x 266 x 525mm (19x 10.5x 20.7 in)	(= 46 lb)
3672	1-5 A	0.8	+60 VA = max. 120 VA	19" Rack 482x 221 x 525mm (19 x 8.7 x 20.7 in)	= 18 kg (= 40 lb)

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CURRENT BURDENS

According to ANSI/IEEE C57.13-1978

Frequency: 60 Hz
 Limit of error: $\pm 3\%$ (R, L)
 For load: 5...200 % of rated current I_N
 Calibrated leads: 0.03Ω
 Power range: Power stages may be selected individually

SPECIAL CURRENT BURDENS, TYPE 3630

Current burden according to other standards or, for example, burdens according to ANSI for 50 Hz on request.

Type	Rated current	$\cos \beta$	Power ranges	Dim. w x h x d	Weight
3635	5 A	0.9 0.5	2.5-5-12.5-22.5-45 VA = B 0.1 - B0.2 - B0.5 - B0.9 - B1.8 25-50-100-200 VA = B 1- B 2 - B 4 - B 8	19" Rack 482 x 221 x 525 mm (19 x 8.7 x 20.7 in)	= 21 kg (= 46 lb)

VOLTAGE BURDENS

According to VDE/PTB

Frequency: 50 Hz
 Limits of error: $\pm 3\%$ (R, L)
 For load: 5...190 % of rated voltage U_N
 Power ranges: Fixed stages may be added up

* in stages of 1.25 VA each

Type	Rated voltages	$\cos \beta$	Power ranges	Dim. w x h x d	Weight
3641	100-100 / $\sqrt{3}$ -200 / $\sqrt{3}$ V	0.8	2.5... 206.25 VA*		35 kg / 77 (lb)
3682	100-100 / $\sqrt{3}$ -200 / $\sqrt{3}$ V	0.8	+200 VA = max. 406.25 VA	19" Rack 482 x 355 x 545 mm	24 kg / (53 lb)
3643	100-100 / $\sqrt{3}$ -110-110 / $\sqrt{3}$ V	0.8	2.5 ... 206.25 VA *	(19 x 14 x 21.5 in)	35 kg / (77 lb)
3684	100-100 / $\sqrt{3}$ -110-110 / $\sqrt{3}$ V	0.8	+200 VA = max. 406.25 VA		24 kg / (53 lb)

VOLTAGE BURDENS

According to ANSI/IEEE C 57.13-1978

Frequency: 60 Hz
 Limits of error: $\pm 3\%$ (R, L)
 For load: 50 ... 125 % of rated voltage U_N
 Power range: Power stages may be selected individually

SPECIAL VOLTAGE BURDENS, TYPE 3640

Voltage burdens according to other standards or, for example, ANSI for 50 Hz or voltage 100-110-100 / $\sqrt{3}$ - 110 $\sqrt{3}$ V on request.

Type	Rated voltages	Power ranges	Dim. w x h x d	Weight
3645	120 - 120/ $\sqrt{3}$	25-35-75-200 VA = X-M-Y-Z (0.7-0.2-0.85-0.85 = $\cos \beta$)	19" Rack 482 x 266 x 445 mm	25 kg
3686	120 - 120/ $\sqrt{3}$ V	+200 VA = 400 VA = ZZ (0.85 = $\cos \beta$)	(19 x 10.5 x 17.5 in)	(55 lb)

www.tettex.com

Europe, Asia, South & Central America, Australia

Haefely Test AG
 Birsstrasse 300
 4052 Basel
 Switzerland
 ☎ +41 61 373 4111
 📠 +41 61 373 4912
 ✉ sales@tettex.com

a brand of

HAEFELY



China (Sales & Service Office)

Haefely Test AG – Beijing Office
 8-1-602, Fortune Street
 No. 67, Chaoyang Road, Chaoyang District
 Beijing, 100025
 P. R. China
 ☎ +86 10 8578 8099
 📠 +86 10 8578 9908
 ✉ sales@haefely.com.cn

North America

Hipotronics Inc.
 1650 Route 22
 PO Box 414
 Brewster, NY 10509
 USA
 ☎ +1 845 279 3644
 📠 +1 845 279 2467
 ✉ sales@hipotronics.com

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