



# Clamp-on Current Transformers

ultra compact, with high transformation ratios

## Clamp-on Current Transformers

subject to technical modifications  
Stand: Feb 2017

### Description

These high quality clamp-on current transformers (CT's) are suitable for current measuring and monitoring up to 500 A. Extremely compact dimensions enable their use in places where other CT's do not fit. An installation-friendly plug-system is used to connect up to eight of these CT's with one ZM8C (see separate data sheet).

### Application

Measurement of electric variables in main and sub distributions

### Characteristics

- high transformation ratios allow for efficient and effective installation
- no power supply needed
- easy cabling via plug system
- minimal wiring effort with standard patch cables connecting four CT's each
- wide range of input currents
- excellent temperature stability
- allowed operating temperature: -20 – 50 °C
- flameproof compliant to UL-94VO
- standard deviation < 1% for currents > 3% of nominal value, if used with deZem ZM8C



### Technical specifications

Type	Current [A]	Window [mm]	Section [mm <sup>2</sup> ]	Width [mm]	Height [mm]	Depth. [mm]	Current ratio	Max. current [A] (1s)	Protect. diode
W15 (B)	15	6,0	6	18,0	25,0	18,0	816	50	-
W80 (C)	80	9,5	50	26,5	40,0	26,5	3015	100	-
W150 (D)	150	16,0	150	31,0	44,5	29,0	3015	300	Yes
W300 (E)	300	24,0	300	45,0	64,0	34,0	2000	1200	Yes
W500 (F)	500	36,0	500	57,0	80,0	38,0	2000	2000	Yes

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energy controlling

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