



Type KSW 52

Low Voltage CT for indoor use with primary terminals

Data sheet



Description

Ct with primary terminals, ring core design, for indoor use
 Electrically insulated primary and secondary windings
 Standard accessories: 4 mounting feet, transparent terminal cover
 Non-standard accessory:
 • Twistable snap-on mounting bracket for mounting rail (DIN EN 60715-TH35)
 Mounting in any position
 The current transformer is maintenance-free

Technical Data

Standard	IEC 61869-1 and 2
Rated primary currents I_{pr}	5 ... 50 A
Rated secondary currents I_{sr}	1 A or 5 A
Metering classes (depends on primary current)	0.2S; 0.2; 0.5S; 0.5; 1; 3
Rated burdens (depends on primary current and class)	2.5 ... 7.5 VA
Number of cores	1
Highest voltage for equipment U_m	0.72 kV
Test voltage	3 kV, 50 Hz, 1 min
Rated frequency	50 Hz (60 Hz on request)
Rated continuous thermal current I_{cth}	1.0 I_{pr} (> 1.0 I_{pr} on request)
Rated short-time thermal current I_{th} 1s	60 x I_{pr} (> 60 x I_{pr} on request)
Rated dynamic current I_{dyn}	2.5 x I_{th}
Instrument security factor	FS5
Place of application	Indoor up to 1000 m above sea level (other ranges on request)
Ambient temperature	Operation: -5°C < T < +40°C Storing: -25°C < T < +40°C (other ranges on request)
Insulation class	E
Housing degree of protection	IEC EN 60529, DIN VDE 0470-1: housing: IP50, terminals: IP20
Earthing	See DIN VDE 0100-557
Housing, terminal cover	Shock-resistant plastic housing of polycarbonate, hardly inflammable, self-extinguishing
Primary terminals	Single connectors, nickel plated brass, screws of size M6 ($M_A=5$ Nm), for wires up to 10 mm ² (solid)
Secondary terminals	Double connectors, nickel plated brass, combined headed screws of size M5 ($M_A=3.5$ Nm), for wires up to 4 mm ² (stranded) / 6 mm ² (solid)
Outer dimensions W / H / L	50 / 109 / 50 mm
Weight	≤ 0.4 kg
If no burden is connected, secondary terminals have to be short-circuited.	

Errors excepted and technical modifications reserved.

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