

MuconICs

ELECTRICAL SPECIFICATIONS



PT KENDALI DAYA PRIMA

SPLIT CURRENT TRANSFORMER

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Product Category : Automation

MODEL	JC16F
RATIO	0-5A
ROUND CONDUCTOR	∅ 16 mm
OUTPUT	4-20mA
DESCRIPTION	Split-core current transducer
(H) 55 x (W) 29.5 x (D) 31	

RMS Series Split-core current transducers are designed for energy management with a convenient connection to electronic sub meters, current measurement in distributed power line carriers (PLCs) or remote controls such as SCADA software for automation and supervision.

Product Category : Automation

What is solid core current transformer

A **current transformer** is an instrument **transformer**, used along with measuring or protective devices, in which the secondary **current** is proportional to the primary **current** (under normal conditions of operation) and differs from it by an angle that is approximately zero.

Solid core CTs (toroid) are more compact and accurate. You must disconnect the measured circuit to install solid core CTs, so they are better suited for new wiring or permanent installation.

Features:

Sensor supply voltage : 24 VDC loop power. Output Terminals : 2 x M3 screw terminals with terminal cover. Max. permissible current : 120% (continuous), 150% (1 min.) Operating condition : -20°C to 50°C 85% RH (any direction installable). Accuracy / linearity : ±2% FS. Dynamic range 1:100 at 50/60Hz sinewave. Output : 4-20mA (average)/0-rated current (load resistance: 600Ω at P/S : 24V)



What is the split core transformer

Split-Core Current Transformers (CTs) are designed for applications where it is difficult or uneconomical to open the primary conductor to install a solid-core-type current transformer. The split-core design uses M-6 silicon steel formed into a hexagonal or rectangular shape. This allows the core to be opened to the nominal

Split core CTs, opening) have a removable section, so they can be installed without interrupting the circuit, and they are available in three opening size

Available Signal Output :

- 0-10V DC Secondary Output (Self Power)
- 0-5V DC Secondary Output (Self Power)
- 4-20mA DC Secondary Output (Loop Power)

ORDERING INFORMATION

Product Category : Automation

Ordering Information Format :

D1 / D2 / D3 / D4 / D5

D1 : Product Category

- AP Automation
- EP Electrical
- MP Mechanical

D2 : Request work Category

- 10 Service
- 20 Good

D3 : Series name

D4 : Output Type

- *VH = 0-10VDC signals out
- *V = 0-5VDC Signal out
- *RMS = 4-20mA Signal out with power loop

Series	Rated Current (A)	Output
JC16F	5-100	0-10V or 4-20mA
JC24S	250	0-10V or 4-20mA
JC36S	500	0-10V or 4-20mA
JS17F	5-100	0-10V or 4-20mA
JS24S	250	0-10V or 4-20mA
JS36S	400-500	0-10V or 4-20mA
JM21NA	5-250	0-10V or 4-20mA
JM21FA	5-250	0-10V or 4-20mA

