

Current Sensors For SMPS

Sample Kit



FALCO
electronics



Weight: 1285 gr
Dimensions (L x W x H): 235 x 165 x 110 mm

Sample Kit Contents

Falco has developed a new versatile kit of magnetic current sensors for use in applications such as SMPS, DC converters and Industrial Controls. The kit components cover a working range for line current sensing of 50/60 Hz, analogue 400 Hz and digital current control from 20~400kHz. There are a broad range of primary to secondary turns ratios from 1:20 to 1:1000. In both analogue and digital sensing, peak levels of up to 60 amperes can be reached. Through-hole, surface mount, built in primary, epoxy potted, or ultrasonically sealed are several component features included to offer design engineers flexible solutions.

- *FREE Sample Kits for qualified requests
- Order online, easy registration, no credit card needed
- Make your own custom assortment online if other parts are required
- All parts featured on our web site or catalog are stocked worldwide for quick availability. Parts can be requested on-line
- Full specifications, competitor cross reference, and chipset compatibility available on web site
- Other Sample Kits available, visit our web site for complete list

* Valid only for qualified requests. Doesn't include shipping charges.

EE5CT Series

Falco Part Number	L (μH) min	DCR (Ω) max	Ipk (Amps.)	Turns Ratio Np:Ns	PRI Included
E05015	80.00	0.54	10	1:20	Y
E05016	500.00	1.50	10	1:50	Y
E05017	980.00	4.72	10	1:70	Y
E05018	2000.00	5.50	10	1:100	Y

CST013-01 Digital Series

Falco Part Number	L (mH) min	DCR (Ω) max	Ipk (Amps.)	Turns Ratio Np:Ns	PRI Included
T50080	5.00	0.70	30	1:50	N
T50011	28.05	1.40	35	1:100	N
T50044	80.00	4.50	38	1:200	N
T50C07	368.00	10.00	35	1:400	N
T50001	520.00	20.60	35	1:500	N

CST013-PRI Digital Series

Falco Part Number	L (mH) min	DCR (Ω) max	Ipk (Amps.)	Turns Ratio Np:Ns	PRI Included
T50081	5.00	0.70	30	1:50	Y
T50082	28.05	1.40	35	1:100	Y
T50125	80.00	2.50	35	1:200	Y
T50083	320.00	10.0	35	1:400	Y
T50084	520.00	20.6	35	1:500	Y

CST013-DUAL Digital Series

Falco Part Number	L (mH) min	DCR (Ω) max	Ipk (Amps.)	Turns Ratio Np:Ns	PRI Included
T50085	5.00	0.70	30	1:1:50	Y
T50086	28.05	1.40	35	1:1:100	Y
T50015	80.00	4.50	35	1:1:200	Y
T50087	320.00	10.00	35	1:1:400	Y

CST60 50/60 Hz Series

Falco Part Number	V/A	DCR (Ω) nom	Ipk (Amps.)	Turns Ratio Np:Ns	PRI Included
T60009	0.150 +/- 3%	64.00	20	1:1000	Y

CST020 50/60 Hz Series

Falco Part Number	V/A	DCR (Ω) max	Ipk (Amps.)	Turns Ratio Np:Ns	PRI Included
T75001	0.100 +/- 2%	46.20	60	1:1000	N

CST020 PRI 50/60 Hz Series

Falco Part Number	V/A	DCR (Ω) max	Ipk (Amps.)	Turns Ratio Np:Ns	PRI Included
T75010	0.100 +/- 2%	46.20	60	1:1000	Y

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