

JC - Cable conversion transformer (MMI 12 - MMB 700)

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data sheet



The JC series is a separable transformer that is extremely small and light. The transformer is especially suitable for use with the MMI 12 modules and the MMB 700. The measuring ranges extend from 5 A to 600 A rated current.

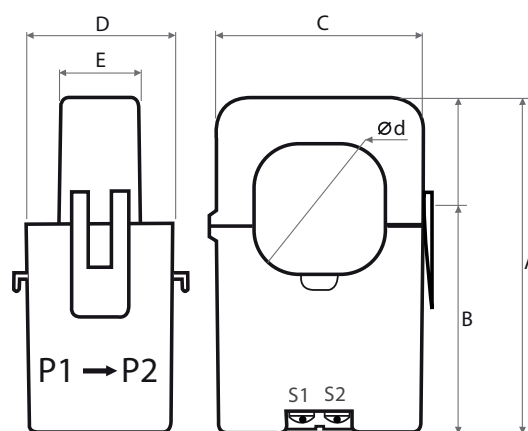
Properties

- Separable transformer
- Extremely small and light
- Measuring ranges (5 A - 600 A)
- Cable openings (10 mm, 16 mm, 24 mm, 36 mm)
- Easy installation



Technical specifications

Accuracy classes	Depending on type, see table
Output connections	2 x M3 screws with connection cover
Overload resistance	100 % continuous, 150 % (1 min.)
Operating temperature range	-20 ... 50°C
Relative humidity	≤ 85 %, no condensation
Insulation category	CAT III
Supply voltage	Self-supply



Type	Inner diameter [mm]	Construction width [mm]	Construction height [mm]	Total construction depth [mm]
J10F	10	23	50	26
JC16F	16	29.5	55	31
JC24F	24	45	74.5	34
JC36S	36	57	91	40.5

JC10F

Primary current [A]	Voltage output [mV]	Class	Type	Item number
5	333	3	JC10F	03.10.0005
20	333	3	JC10F	03.10.0020
30	333	3	JC10F	03.10.0030
50	333	3	JC10F	03.10.0050

JC16F

Primary current [A]	Voltage output [mV]	Class	Type	Item number
70	333	1	JC16F	03.16.0070
100	333	1	JC16F	03.16.0100

JC24F

Primary current [A]	Voltage output [mV]	Class	Type	Item number
200	333	1	JC24F	03.25.0300

JC36S

Primary current [A]	Voltage output [mV]	Class	Type	Item number
300	333	1	JC36S	03.37.0300
600	333	1	JC36S	03.37.0600

Connection cable for 3 x JC transformer

The cables are especially suitable for connecting the transformer type JC. It is equipped with an RJ12 connector on one side.

Cable length [metres]	Connection type	Type	Item number
0.3	RJ12-0.5/6	Cable RJ12-JC 0.3m	80.13.0030
0.5	RJ12-0.5/6	Cable RJ12-JC 0.5m	80.13.0050
1	RJ12-0.5/6	Cable RJ12-JC 1m	80.13.0100
3	RJ12-0.5/6	Cable RJ12-JC 3m	80.13.0300