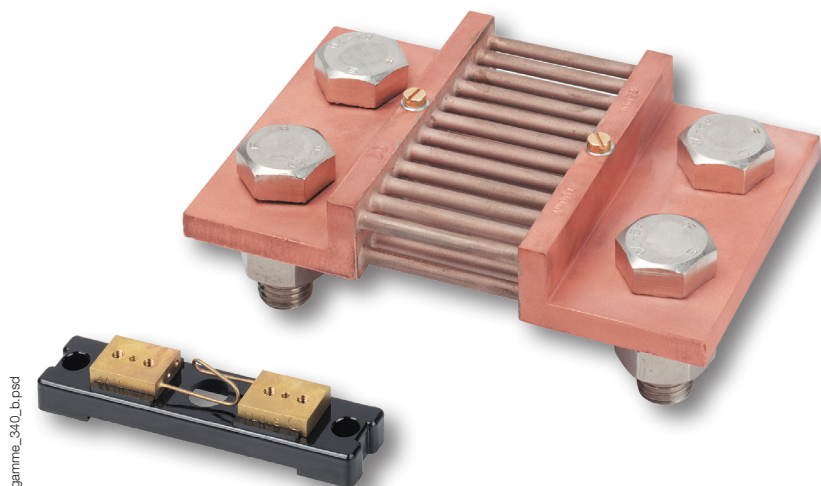


Measurement shunts

Measurement sensors

1 to 4000 A



Included in the range

- > 20 ratings, from 1 to 4000A, in 100 mV
- > Other ratings and secondary voltages available, please contact us

Function

Shunts provide indirect measurement of direct current by creating a normalised voltage drop.

General characteristics

- 20 ratings, from 1 to 4000A, in 100 mV.
- Other ratings and secondary voltages available, please contact us.
- Voltage drop: 100 mV for the nominal rating.
- Accuracy class: 0.5.
- Permanent overload: 1.2 In.
- 10 In / 5s rating ≤ 500 A 5 In / 5s rating 600 to 1500 A 2 In / 5s rating ≥ 2500 A.

References

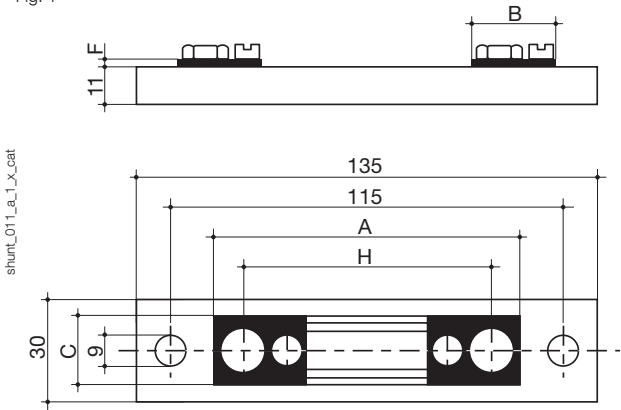
Rating (A) ⁽¹⁾	Secondary voltage drop	DIN series Reference
1 A	100 mV	192S 2101
6 A	100 mV	192S 2106
10 A	100 mV	192S 2110
15 A	100 mV	192S 2112
25 A	100 mV	192S 2114
40 A	100 mV	192S 2116
60 A	100 mV	192S 2118
100 A	100 mV	192S 2120
150 A	100 mV	192S 2125
200 A	100 mV	192S 2220
250 A	100 mV	192S 2235
300 A	100 mV	192S 2230
400 A	100 mV	192S 2240
600 A	100 mV	192S 2250
1000 A	100 mV	192S 2255
1500 A	100 mV	192S 2260
2500 A	100 mV	192S 2165
4000 A	100 mV	192S 2170

(1) Other ratings: please contact us.

Dimensions

DIN series from 1 to 25 A

Fig. 1

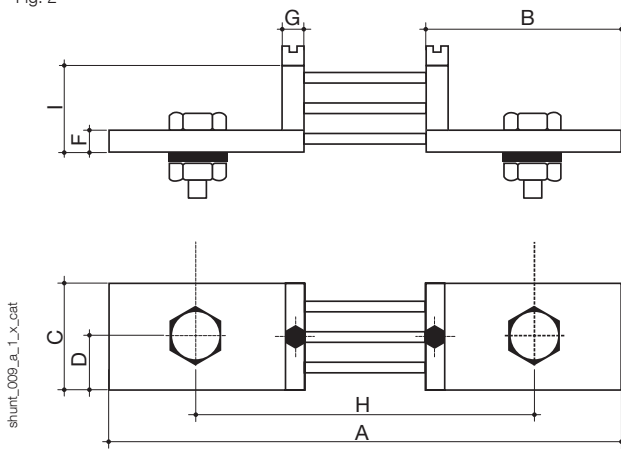


Rating (A) ⁽¹⁾	Figure	A	B	C	D	E	F	G	H	I
1	1	90	28	20			8		78	
4	1	90	28	20			8		78	
6	1	90	28	20			8		78	
10	1	90	28	20			8		78	
15	1	90	28	20			8		78	
25	1	90	28	20			8		78	
40	2	123	33	20			8		103	
60	2	123	33	20			8		103	
100	2	123	33	20			8		103	
150	2	123	33	20			8		103	
200	2	168	55	30	15		10	10	128	30
250	2	168	55	30	15		10	10	128	30
300	2	168	55	40	20		10	10	128	30
400	2	168	55	40	20		10	10	128	30
600	2	168	55	40	20		10	10	128	30
1000	2	188	65	60	30		10	10	138	30
1500	3	188	65	90	21	48	10	10	138	30
2500	3	188	65	120	30	60	10	10	138	30
4000	3	188	65	120	30	60	15	10	138	60

(1) Connection: 2 M5 x 8 screws and 2 Ø 5.3 mm washers.

DIN series from 40 to 1000 A

Fig. 2



DIN series from 1500 to 4000 A

Fig. 3

