

SHB 50A/60mV, Shunt

Code: M7122C.

- > Accuracy: 0.5
- > Measurement Range (A): 50A/60mV
- > Input current: 50 A
- > Relation: 50A/60mV

#### Description

- $\circ~$  Shunt for the measurement of DC, from 1 A dc to 15 000 A dc, depending on the type
- Accuracy class: 0.5
- $\circ~$  All types are supplied with 1.5 m long cables, with a section of 1.5 m2
- The standard output voltage is .../60 mV, but there are other types of outputs on demand, see coding table.

#### Application

Used in DC electrical lines to obtain a voltage signal that is proportional to the current through the shunt

# Circutor



Shunts

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### Specifications

| Electrical characteristics    |  |
|-------------------------------|--|
| Permanent overload            | 1,2 In   |
| Environmental characteristics |  |
| Working temperature           | -25 +60 °C   |
| Mechanical characteristics    |  |
| Envelope                      | Manganin rods Brass terminals  |
| Weight (kg)                   | 0,13   |
| Current measurement circuit   |  |
| Nominal frequency             | 50 / 60 Hz   |
| Primary current measurement   | 50 A   |
| Allowable overload            | During 5 s 10 ln, yes 10 A $\leq$ ln $\leq$ 500 A 5 ln, yes 600 A $\leq$ ln $\leq$ 2000 A 2 ln, yes 2500 A $\leq$ ln |
| Transformation ratio          | / 60 mV  |
| Standards                     |  |
| Standards                     | DIN 43703, IEC 51, VDE 410, BS 89  |
| Measurement accuracy          |  |
| Ассигасу                      | 0.5  |

#### SH

Shunts for direct current measurement

| CODE    | ТҮРЕ          | Measurement Range (A) |
|---------|---------------|-----------------------|
| M71211. | SHP 30A/60mV  | 30A/60mV              |
| M71213. | SHP 50A/60mV  | 50A/60mV              |
| M71221. | SHB 1A/60mV   | 1A/60mV               |
| M71222. | SHB 1.5A/60mV | 1.5A/60mV             |
| M71223. | SHB 2.5A/60mV | 2.5A/60mV             |
| M71224. | SHB 4A/60mV   | 4A/60mV               |
| M71225. | SHB 5A/60mV   | 5A/60mV               |
| M71226. | SHB 6A/60mV   | 6A/60mV               |
| M71227. | SHB 10A/60mV  | 10A/60mV              |
| M71228. | SHB 15A/60mV  | 15A/60mV              |
| M71229. | SHB 25A/60mV  | 25A/60mV              |





Shunts

Code: M7122C.

| MY122A.SHB 30A/60mV30A/60mVMY122B.SHB 40A/60mV60A/60mVMY122C.SHB 60A/60mV60A/60mVMY122C.SHB 60A/60mV60A/60mVMY122C.SHB 80A/60mV80A/60mVMY122C.SHB 80A/60mV80A/60mVMY122C.SHB 100A/60mV200A/60mVMY122A.SH 200A/60mV200A/60mVMY123A.SH 30A/60mV30A/60mVMY123A.SH 30A/60mV60A/60mVMY123A.SH 50A/60mV60A/60mVMY123A.SH 50A/60mV60A/60mVMY123A.SH 50A/60mV60A/60mVMY123A.SH 50A/60mV60A/60mVMY123A.SH 50A/60mV60A/60mVMY123A.SH 50A/60mV80A/60mVMY123A.SH 50A/60mV200A/60mVMY123A.SH 50A/60mV200A/60mVMY123A.SH 50A/60mV200A/60mVMY123A.SH 50A/60mV200A/60mVMY123A.SH 50A/60mV500A/60mVMY123A.SH 500A/60mV500A/60mVMY123A.SH 500A/60mV500A/60mVMY123A.<  | CODE    | ТҮРЕ           | Measurement Range (A) |
|---|---------|----------------|-----------------------|
| M7122C.     SHB S0A/60mV     S0A/60mV       M7122D.     SHB S0A/60mV     80A/60mV       M7122E.     SHB 80A/60mV     80A/60mV       M7122F.     SHB 100A/60mV     200A/60mV       M7122A.     SHB 200A/60mV     200A/60mV       M71231.     SH 30A/60mV     200A/60mV       M71232.     SH 40A/60mV     200A/60mV       M71233.     SH 50A/60mV     50A/60mV       M71234.     SH 60A/60mV     60A/60mV       M71235.     SH 60A/60mV     60A/60mV       M71236.     SH 50A/60mV     60A/60mV       M71237.     SH 50A/60mV     100A/60mV       M71238.     SH 200A/60mV     200A/60mV       M71239.     SH 200A/60mV     200A/60mV       M71238.     SH 300A/60mV     200A/60mV       M71239.     SH 400A/60mV     200A/60mV       M71230.     SH 400A/60mV     200A/60mV       M71231.     SH 500A/60mV     500A/60mV       M71232.     SH 400A/60mV     500A/60mV       M71232.     SH 500A/60mV     500A/60mV       M71238.   | M7122A. | SHB 30A/60mV   | 30A/60mV              |
| M7122D.     SHB 60A/60mV     60A/60mV       M7122E.     SHB 80A/60mV     100A/60mV       M7122F.     SHB 100A/60mV     200A/60mV       M7122N.     SHB 200A/60mV     200A/60mV       M71231.     SH 30A/60mV     200A/60mV       M71232.     SH 40A/60mV     40A/50mV       M71233.     SH 40A/60mV     40A/60mV       M71234.     SH 60A/60mV     60A/60mV       M71235.     SH 80A/60mV     60A/60mV       M71236.     SH 40A/60mV     60A/60mV       M71237.     SH 60A/60mV     100A/60mV       M71238.     SH 200A/60mV     200A/60mV       M71239.     SH 200A/60mV     200A/60mV       M71238.     SH 300A/60mV     200A/60mV       M71238.  | M7122B. | SHB 40A/60mV   | 40A/60mV              |
| MT122E     SHB 80A/60mV     80A/60mV       MT122F,     SHB 100A/60mV     200A/60mV       MT1231,     SH 30A/60mV     200A/60mV       MT1231,     SH 30A/60mV     30A/60mV       MT1232,     SH 40A/60mV     30A/60mV       MT1233,     SH 50A/60mV     50A/60mV       MT1234,     SH 50A/60mV     50A/60mV       MT1235,     SH 80A/60mV     60A/60mV       MT1236,     SH 100A/60mV     100A/60mV       MT1236,     SH 100A/60mV     100A/60mV       MT1237,     SH 150A/60mV     100A/60mV       MT1238,     SH 200A/60mV     200A/60mV       MT1238,     SH 200A/60mV     200A/60mV       MT1238,     SH 200A/60mV     200A/60mV       MT1238,     SH 400A/60mV     300A/60mV       MT1236,     SH 500A/60mV     500A/60mV       MT1236,     SH 400A/60mV     500A/60mV       MT1236,     SH 400A/60mV     500A/60mV       MT1236,     SH 400A/60mV     500A/60mV       MT1236,     SH 400A/60mV     500A/60mV       MT1236,   | M7122C. | SHB 50A/60mV   | 50A/60mV              |
| MT122F.     SHB 100A/60mV     100A/60mV       MT1231.     SH 200A/60mV     200A/60mV       MT1231.     SH 200A/60mV     30A/60mV       MT1232.     SH 40A/60mV     40A/60mV       MT1233.     SH 50A/60mV     50A/60mV       MT1234.     SH 60A/60mV     60A/60mV       MT1235.     SH 80A/60mV     60A/60mV       MT1236.     SH 100A/60mV     100A/60mV       MT1236.     SH 100A/60mV     100A/60mV       MT1237.     SH 50A/60mV     20DA/60mV       MT1238.     SH 200A/60mV     20DA/60mV       MT1239.     SH 250A/60mV     20DA/60mV       MT1239.     SH 250A/60mV     20DA/60mV       MT1239.     SH 250A/60mV     20DA/60mV       MT1238.     SH 400A/60mV     300A/60mV       MT1238.     SH 600A/60mV     600A/60mV       MT1230.     SH 600A/60mV     600A/60mV       MT1231.     SH 600A/60mV     600A/60mV       MT1232.     SH 800A/60mV     800A/60mV       MT1231.     SH 800A/60mV     2000A/60mV       MT1231. <td>M7122D.</td> <td>SHB 60A/60mV</td> <td>60A/60mV</td>                            | M7122D. | SHB 60A/60mV   | 60A/60mV              |
| M7122N.     SHB 200A/60mV     200A/60mV       M71231.     SH 30A/60mV     40A/60mV       M71232.     SH 40A/60mV     50A/60mV       M71233.     SH 50A/60mV     60A/60mV       M71234.     SH 60A/60mV     60A/60mV       M71235.     SH 80A/60mV     80A/60mV       M71236.     SH 80A/60mV     80A/60mV       M71237.     SH 150A/60mV     100A/60mV       M71238.     SH 200A/60mV     200A/60mV       M71238.     SH 300A/60mV     300A/60mV       M71238.     SH 300A/60mV     300A/60mV       M71238.     SH 300A/60mV     500A/60mV       M71238.     SH 300A/60mV     500A/60mV       M71238.     SH 300A/60mV     800A/60mV       M71238.     SH 300A/60mV     800A/60mV       M71238.     SH 300A/60mV     1000DA/60mV       M71238.  | M7122E. | SHB 80A/60mV   | 80A/60mV              |
| M71231.     SH 30A/60mV     30A/60mV       M71232.     SH 40A/60mV     40A/60mV       M71233.     SH 50A/60mV     50A/60mV       M71234.     SH 60A/60mV     60A/60mV       M71235.     SH 80A/60mV     80A/60mV       M71236.     SH 80A/60mV     80A/60mV       M71236.     SH 100A/60mV     100A/60mV       M71237.     SH 150A/60mV     200A/60mV       M71238.     SH 200A/60mV     200A/60mV       M71238.     SH 200A/60mV     200A/60mV       M71238.     SH 200A/60mV     200A/60mV       M71238.     SH 200A/60mV     200A/60mV       M71238.     SH 400A/60mV     300A/60mV       M71238.     SH 400A/60mV     600A/60mV       M71230.     SH 600A/60mV     600A/60mV       M71231.     SH 800A/60mV     800A/60mV       M71232.     SH 800A/60mV     800A/60mV       M71231.     SH 100A/60mV     1000A/60mV       M71232.     SH 200A/60mV     200DA/60mV       M71232.     SH 200A/60mV     200DA/60mV       M71231.  | M7122F. | SHB 100A/60mV  | 100A/60mV             |
| M71232.     SH 40A/60mV     40A/60mV       M71233.     SH 50A/60mV     50A/60mV       M71234.     SH 60A/60mV     60A/60mV       M71235.     SH 80A/60mV     80A/60mV       M71236.     SH 100A/60mV     100A/60mV       M71237.     SH 150A/60mV     150A/60mV       M71238.     SH 200A/60mV     200A/60mV       M71239.     SH 200A/60mV     200A/60mV       M71238.     SH 200A/60mV     200A/60mV       M71238.     SH 200A/60mV     200A/60mV       M71238.     SH 400A/60mV     400A/60mV       M71238.     SH 400A/60mV     400A/60mV       M71238.     SH 400A/60mV     500A/60mV       M71238.     SH 400A/60mV     500A/60mV       M71238.     SH 800A/60mV     750A/60mV       M71238.     SH 800A/60mV     750A/60mV       M71238.     SH 1000A/60mV     1000A/60mV       M71238.     SH 1000A/60mV     1000A/60mV       M71234.     SH 200A/60mV     200A/60mV       M71234.     SH 200A/60mV     2000A/60mV       M71234   | M7122N. | SHB 200A/60mV  | 200A/60mV             |
| M71233.     SH 50A/60mV     50A/60mV       M71234.     SH 60A/60mV     60A/60mV       M71235.     SH 80A/60mV     80A/60mV       M71236.     SH 100A/60mV     100A/60mV       M71237.     SH 150A/60mV     150A/60mV       M71238.     SH 200A/60mV     200A/60mV       M71239.     SH 200A/60mV     200A/60mV       M71238.     SH 300A/60mV     300A/60mV       M71239.     SH 400A/60mV     300A/60mV       M71238.     SH 300A/60mV     300A/60mV       M71238.     SH 400A/60mV     300A/60mV       M71236.     SH 400A/60mV     400A/60mV       M71237.     SH 800A/60mV     500A/60mV       M71236.     SH 800A/60mV     500A/60mV       M71236.     SH 1000A/60mV     1000A/60mV       M71237.     SH 1000A/60mV     1000A/60mV       M71238.     SH 200A/60mV     200A/60mV       M71238.     SH 1000A/60mV     1000A/60mV       M71238.     SH 1000A/60mV     200A/60mV       M71238.     SH 2000A/60mV     200A/60mV       M   | M71231. | SH 30A/60mV    | 30A/60mV              |
| M71234,     SH 60A/60mV     60A/60mV       M71235.     SH 80A/60mV     80A/60mV       M71236.     SH 100A/60mV     100A/60mV       M71237.     SH 150A/60mV     150A/60mV       M71238.     SH 200A/60mV     200A/60mV       M71239.     SH 250A/60mV     200A/60mV       M71238.     SH 200A/60mV     300A/60mV       M71238.     SH 300A/60mV     300A/60mV       M71238.     SH 400A/60mV     400A/60mV       M71238.     SH 400A/60mV     400A/60mV       M71238.     SH 400A/60mV     400A/60mV       M71238.     SH 400A/60mV     600A/60mV       M71238.     SH 400A/60mV     600A/60mV       M71238.     SH 600A/60mV     600A/60mV       M71238.     SH 600A/60mV     800A/60mV       M71236.     SH 750A/60mV     800A/60mV       M71237.     SH 1000A/60mV     1200A/60mV       M71238.     SH 200A/60mV     1200A/60mV       M71231.     SH 200A/60mV     2000A/60mV       M71231.     SH 200A/60mV     2000A/60mV       M7   | M71232. | SH 40A/60mV    | 40A/60mV              |
| M71235.     SH 80A/60mV     80A/60mV       M71236.     SH 100A/60mV     100A/60mV       M71237.     SH 150A/60mV     200A/60mV       M71238.     SH 200A/60mV     200A/60mV       M71239.     SH 250A/60mV     250A/60mV       M71234.     SH 300A/60mV     300A/60mV       M71238.     SH 400A/60mV     400A/60mV       M71238.     SH 400A/60mV     400A/60mV       M71238.     SH 600A/60mV     500A/60mV       M71238.     SH 600A/60mV     600A/60mV       M71238.     SH 600A/60mV     600A/60mV       M71236.     SH 600A/60mV     600A/60mV       M71237.     SH 800A/60mV     800A/60mV       M71236.     SH 1000A/60mV     1000A/60mV       M71236.     SH 1000A/60mV     1000A/60mV       M71231.     SH 1500A/60mV     1200A/60mV       M71234.     SH 200A/60mV     2000A/60mV       M71234.     SH 200A/60mV     2000A/60mV       M71234.     SH 200A/60mV     2000A/60mV       M71234.     SH 200A/60mV     200A/60mV  | M71233. | SH 50A/60mV    | 50A/60mV              |
| M71236.     SH 100A/60mV     100A/60mV       M71237.     SH 150A/60mV     200A/60mV       M71238.     SH 200A/60mV     200A/60mV       M71238.     SH 250A/60mV     250A/60mV       M71238.     SH 250A/60mV     300A/60mV       M71238.     SH 300A/60mV     300A/60mV       M71238.     SH 400A/60mV     400A/60mV       M71238.     SH 400A/60mV     500A/60mV       M71230.     SH 500A/60mV     600A/60mV       M71231.     SH 600A/60mV     600A/60mV       M71232.     SH 600A/60mV     600A/60mV       M71236.     SH 750A/60mV     750A/60mV       M71237.     SH 1800A/60mV     1000A/60mV       M71238.     SH 1000A/60mV     1000A/60mV       M71231.     SH 1500A/60mV     1200A/60mV       M71234.     SH 200A/60mV     2000A/60mV       M71234.     SH 200A/60mV     2000A/60mV       M71234.     SH 200A/60mV     2000A/60mV       M71234.     SH 200A/60mV     2000A/60mV       M71234.     SH 2000A/60mV     2000A/60mV   | M71234. | SH 60A/60mV    | 60A/60mV              |
| M71237.     SH 150A/60mV     150A/60mV       M71238.     SH 200A/60mV     200A/60mV       M71239.     SH 250A/60mV     250A/60mV       M71234.     SH 300A/60mV     300A/60mV       M71238.     SH 400A/60mV     400A/60mV       M71236.     SH 500A/60mV     500A/60mV       M71237.     SH 500A/60mV     600A/60mV       M71238.     SH 400A/60mV     600A/60mV       M71239.     SH 500A/60mV     600A/60mV       M71236.     SH 500A/60mV     500A/60mV       M71237.     SH 800A/60mV     800A/60mV       M71236.     SH 1000A/60mV     1000A/60mV       M71231.     SH 1200A/60mV     1200A/60mV       M71231.     SH 2000A/60mV     2000A/60mV       M71231.     SH 2000A/60mV     2000A/60mV       M71231.     SH 3000A/60mV     3000A/60mV       M71231.     SH 4000A/60mV     4000A/60mV       M71231.     SH 4000A/60mV     4000A/60mV       M71232.     SH 5000A/60mV     5000A/60mV       M71232.     SH 5000A/60mV     5000A/60mV <t< td=""><td>M71235.</td><td>SH 80A/60mV</td><td>80A/60mV</td></t<>    | M71235. | SH 80A/60mV    | 80A/60mV              |
| M71238.     SH 200A/60mV     200A/60mV       M71239.     SH 250A/60mV     250A/60mV       M71234.     SH 300A/60mV     300A/60mV       M71238.     SH 400A/60mV     400A/60mV       M71230.     SH 500A/60mV     500A/60mV       M71231.     SH 500A/60mV     600A/60mV       M71232.     SH 500A/60mV     600A/60mV       M71234.     SH 600A/60mV     600A/60mV       M71235.     SH 500A/60mV     800A/60mV       M71236.     SH 200A/60mV     800A/60mV       M71237.     SH 200A/60mV     1000A/60mV       M71238.     SH 1200A/60mV     1000A/60mV       M71234.     SH 1200A/60mV     1200A/60mV       M71234.     SH 200A/60mV     2000A/60mV       M71234.     SH 2000A/60mV     2000A/60mV       M71234.     SH 2000A/60mV     2000A/60mV       M71234.     SH 2000A/60mV     3000A/60mV       M71230.     SH 4000A/60mV     4000A/60mV       M71230.     SH 6000A/60mV     5000A/60mV       M71230.     SH 6000A/60mV     5000A/60mV <t< td=""><td>M71236.</td><td>SH 100A/60mV</td><td>100A/60mV</td></t<>  | M71236. | SH 100A/60mV   | 100A/60mV             |
| M71239.     SH 250A/60mV     250A/60mV       M7123A.     SH 300A/60mV     300A/60mV       M7123B.     SH 400A/60mV     400A/60mV       M7123C.     SH 500A/60mV     500A/60mV       M7123D.     SH 600A/60mV     600A/60mV       M7123E.     SH 750A/60mV     750A/60mV       M7123F.     SH 800A/60mV     800A/60mV       M7123F.     SH 800A/60mV     800A/60mV       M7123G.     SH 1000A/60mV     800A/60mV       M7123G.     SH 1000A/60mV     1000A/60mV       M7123G.     SH 100A/60mV     1200A/60mV       M7123A.     SH 1200A/60mV     2000A/60mV       M7123A.     SH 200A/60mV     2000A/60mV       M7123A.     SH 200A/60mV     2000A/60mV       M7123A.     SH 200A/60mV     2000A/60mV       M7123A.     SH 200A/60mV     3000A/60mV       M7123A.     SH 200A/60mV     3000A/60mV       M7123A.     SH 3000A/60mV     3000A/60mV       M7123A.     SH 4000A/60mV     5000A/60mV       M7123A.     SH 5000A/60mV     5000A/60mV <tr< td=""><td>M71237.</td><td>SH 150A/60mV</td><td>150A/60mV</td></tr<> | M71237. | SH 150A/60mV   | 150A/60mV             |
| M7123A.     SH 300A/60mV     300A/60mV       M7123B.     SH 400A/60mV     400A/60mV       M7123C.     SH 500A/60mV     500A/60mV       M7123D.     SH 600A/60mV     600A/60mV       M7123E.     SH 750A/60mV     750A/60mV       M7123F.     SH 800A/60mV     800A/60mV       M7123G.     SH 1000A/60mV     800A/60mV       M7123G.     SH 1000A/60mV     1000A/60mV       M7123H.     SH 1200A/60mV     1200A/60mV       M7123L.     SH 2000A/60mV     2000A/60mV       M7123J.     SH 1500A/60mV     2000A/60mV       M7123L.     SH 2000A/60mV     2000A/60mV       M7123L.     SH 2000A/60mV     2000A/60mV       M7123N.     SH 3000A/60mV     2000A/60mV       M7123N.     SH 4000A/60mV     3000A/60mV       M7123N.     SH 4000A/60mV     4000A/60mV       M7123R.     SH 5000A/60mV     5000A/60mV       M7123R.     SH 5000A/60mV     5000A/60mV       M7123R.     SH 5000A/60mV     5000A/60mV       M7123R.     SH 7500A/60mV     5000A/60mV <td>M71238.</td> <td>SH 200A/60mV</td> <td>200A/60mV</td>      | M71238. | SH 200A/60mV   | 200A/60mV             |
| M7123B.     SH 400A/60mV     400A/60mV       M7123C.     SH 500A/60mV     500A/60mV       M7123D.     SH 600A/60mV     600A/60mV       M7123E.     SH 750A/60mV     750A/60mV       M7123F.     SH 800A/60mV     800A/60mV       M7123G.     SH 1000A/60mV     800A/60mV       M7123F.     SH 800A/60mV     800A/60mV       M7123G.     SH 1000A/60mV     1000A/60mV       M7123H.     SH 1200A/60mV     1200A/60mV       M7123J.     SH 1500A/60mV     2000A/60mV       M7123L.     SH 2000A/60mV     2000A/60mV       M7123L.     SH 2000A/60mV     2000A/60mV       M7123L.     SH 2000A/60mV     3000A/60mV       M7123L.     SH 2000A/60mV     3000A/60mV       M7123N.     SH 4000A/60mV     3000A/60mV       M7123P.     SH 5000A/60mV     6000A/60mV       M7123R.     SH 7500A/60mV     7500A/60mV       M7123R.     SH 7500A/60mV     7500A/60mV       M7123R.     SH 10000A/60mV     10000A/60mV       M7123R.     SH 10000A/60mV     10000A/60mV  | M71239. | SH 250A/60mV   | 250A/60mV             |
| M7123C.     SH 500A/60mV     500A/60mV       M7123D.     SH 600A/60mV     600A/60mV       M7123E.     SH 750A/60mV     750A/60mV       M7123F.     SH 800A/60mV     800A/60mV       M7123G.     SH 1000A/60mV     1000A/60mV       M7123G.     SH 1000A/60mV     1000A/60mV       M7123G.     SH 1000A/60mV     1000A/60mV       M7123H.     SH 1200A/60mV     1200A/60mV       M7123I.     SH 1500A/60mV     2000A/60mV       M7123K.     SH 2000A/60mV     2000A/60mV       M7123L     SH 2000A/60mV     2000A/60mV       M7123L.     SH 3000A/60mV     3000A/60mV       M7123N.     SH 4000A/60mV     3000A/60mV       M7123N.     SH 4000A/60mV     4000A/60mV       M7123P.     SH 5000A/60mV     5000A/60mV       M7123Q.     SH 6000A/60mV     6000A/60mV       M7123R.     SH 7500A/60mV     7500A/60mV       M7123R.     SH 7500A/60mV     7500A/60mV       M7123R.     SH 10000A/60mV     10000A/60mV       M7123T.     SH 10000A/60mV     10000A/60mV  | M7123A. | SH 300A/60mV   | 300A/60mV             |
| M7123D.     SH 600A/60mV     600A/60mV       M7123E.     SH 750A/60mV     750A/60mV       M7123F.     SH 800A/60mV     800A/60mV       M7123G.     SH 1000A/60mV     1000A/60mV       M7123G.     SH 1000A/60mV     1000A/60mV       M7123G.     SH 1200A/60mV     1200A/60mV       M7123H.     SH 1200A/60mV     1200A/60mV       M7123J.     SH 1500A/60mV     1500A/60mV       M7123L.     SH 2000A/60mV     2000A/60mV       M7123L.     SH 2000A/60mV     2500A/60mV       M7123M.     SH 3000A/60mV     3000A/60mV       M7123N.     SH 4000A/60mV     4000A/60mV       M7123P.     SH 5000A/60mV     5000A/60mV       M7123Q.     SH 6000A/60mV     6000A/60mV       M7123Q.     SH 6000A/60mV     6000A/60mV       M7123R.     SH 7500A/60mV     7500A/60mV       M7123R.     SH 7500A/60mV     7500A/60mV       M7123R.     SH 7500A/60mV     10000A/60mV       M7123R.     SH 10000A/60mV     10000A/60mV       M7123R.     SH 10000A/60mV     10000A/60mV<   | M7123B. | SH 400A/60mV   | 400A/60mV             |
| M7123E.     SH 750A/60mV     750A/60mV       M7123F.     SH 800A/60mV     800A/60mV       M7123G.     SH 1000A/60mV     1000A/60mV       M7123H.     SH 1200A/60mV     1200A/60mV       M7123J.     SH 1500A/60mV     1500A/60mV       M7123K.     SH 200A/60mV     2000A/60mV       M7123L.     SH 2500A/60mV     2000A/60mV       M7123L.     SH 3000A/60mV     2500A/60mV       M7123N.     SH 3000A/60mV     3000A/60mV       M7123N.     SH 4000A/60mV     4000A/60mV       M7123N.     SH 4000A/60mV     5000A/60mV       M7123R.     SH 5000A/60mV     5000A/60mV       M7123Q.     SH 6000A/60mV     6000A/60mV       M7123R.     SH 7500A/60mV     5000A/60mV       M7123R.     SH 7500A/60mV     7500A/60mV       M7123R.     SH 10000A/60mV     7500A/60mV       M7123R.     SH 10000A/60mV     10000A/60mV       M7123R.     SH 10000A/60mV     10000A/60mV       M7123R.     SH 10000A/60mV     10000A/60mV  | M7123C. | SH 500A/60mV   | 500A/60mV             |
| M7123F.     SH 800A/60mV     800A/60mV       M7123G.     SH 1000A/60mV     1000A/60mV       M7123H.     SH 1200A/60mV     1200A/60mV       M7123J.     SH 1500A/60mV     1500A/60mV       M7123L.     SH 2000A/60mV     2000A/60mV       M7123L.     SH 2000A/60mV     2000A/60mV       M7123L.     SH 2500A/60mV     2500A/60mV       M7123M.     SH 3000A/60mV     3000A/60mV       M7123N.     SH 4000A/60mV     4000A/60mV       M7123P.     SH 5000A/60mV     5000A/60mV       M7123Q.     SH 6000A/60mV     6000A/60mV       M7123R.     SH 7500A/60mV     7500A/60mV       M7123R.     SH 7500A/60mV     7500A/60mV       M7123R.     SH 10000A/60mV     10000A/60mV       M7123T.     SH 10000A/60mV     10000A/60mV       M7123T.     SH 10000A/60mV     10000A/60mV       M7123V.     SH 15000A/60mV     15000A/60mV  | M7123D. | SH 600A/60mV   | 600A/60mV             |
| M7123G.     SH 1000A/60mV     1000A/60mV       M7123H.     SH 1200A/60mV     1200A/60mV       M7123J.     SH 1500A/60mV     1500A/60mV       M7123J.     SH 2000A/60mV     2000A/60mV       M7123K.     SH 2000A/60mV     2000A/60mV       M7123L.     SH 2500A/60mV     2500A/60mV       M7123M.     SH 3000A/60mV     3000A/60mV       M7123N.     SH 4000A/60mV     4000A/60mV       M7123P.     SH 5000A/60mV     5000A/60mV       M7123Q.     SH 6000A/60mV     6000A/60mV       M7123R.     SH 7500A/60mV     7500A/60mV       M7123R.     SH 10000A/60mV     10000A/60mV       M7123T.     SH 10000A/60mV     15000A/60mV  | M7123E. | SH 750A/60mV   | 750A/60mV             |
| M7123H.   SH 1200A/60mV   1200A/60mV     M7123J.   SH 1500A/60mV   1500A/60mV     M7123K.   SH 2000A/60mV   2000A/60mV     M7123L.   SH 2500A/60mV   2500A/60mV     M7123M.   SH 3000A/60mV   3000A/60mV     M7123N.   SH 3000A/60mV   3000A/60mV     M7123N.   SH 4000A/60mV   4000A/60mV     M7123P.   SH 5000A/60mV   5000A/60mV     M7123Q.   SH 6000A/60mV   6000A/60mV     M7123R.   SH 7500A/60mV   7500A/60mV     M7123R.   SH 7500A/60mV   7500A/60mV     M7123T.   SH 10000A/60mV   10000A/60mV     M7123T.   SH 1000A/60mV   10000A/60mV   | M7123F. | SH 800A/60mV   | 800A/60mV             |
| M7123J.     SH 1500A/60mV     1500A/60mV       M7123K.     SH 2000A/60mV     2000A/60mV       M7123L.     SH 2500A/60mV     2500A/60mV       M7123M.     SH 3000A/60mV     3000A/60mV       M7123N.     SH 4000A/60mV     4000A/60mV       M7123N.     SH 4000A/60mV     5000A/60mV       M7123P.     SH 5000A/60mV     5000A/60mV       M7123Q.     SH 6000A/60mV     6000A/60mV       M7123R.     SH 7500A/60mV     7500A/60mV       M7123T.     SH 10000A/60mV     10000A/60mV       M7123V.     SH 15000A/60mV     15000A/60mV  | M7123G. | SH 1000A/60mV  | 1000A/60mV            |
| M7123K.   SH 2000A/60mV   2000A/60mV     M7123L.   SH 2500A/60mV   2500A/60mV     M7123M.   SH 3000A/60mV   3000A/60mV     M7123N.   SH 4000A/60mV   4000A/60mV     M7123P.   SH 5000A/60mV   5000A/60mV     M7123Q.   SH 6000A/60mV   6000A/60mV     M7123R.   SH 7500A/60mV   7500A/60mV     M7123T.   SH 10000A/60mV   10000A/60mV     M7123V.   SH 15000A/60mV   15000A/60mV  | M7123H. | SH 1200A/60mV  | 1200A/60mV            |
| M7123L.   SH 2500A/60mV   2500A/60mV     M7123M.   SH 3000A/60mV   3000A/60mV     M7123N.   SH 4000A/60mV   4000A/60mV     M7123P.   SH 5000A/60mV   5000A/60mV     M7123Q.   SH 6000A/60mV   6000A/60mV     M7123R.   SH 7500A/60mV   6000A/60mV     M7123T.   SH 10000A/60mV   10000A/60mV     M7123V.   SH 15000A/60mV   15000A/60mV   | M7123J. | SH 1500A/60mV  | 1500A/60mV            |
| M7123M.   SH 3000A/60mV   3000A/60mV     M7123N.   SH 4000A/60mV   4000A/60mV     M7123P.   SH 5000A/60mV   5000A/60mV     M7123Q.   SH 6000A/60mV   6000A/60mV     M7123R.   SH 7500A/60mV   7500A/60mV     M7123T.   SH 10000A/60mV   10000A/60mV     M7123V.   SH 15000A/60mV   15000A/60mV  | M7123K. | SH 2000A/60mV  | 2000A/60mV            |
| M7123N.   SH 4000A/60mV   4000A/60mV     M7123P.   SH 5000A/60mV   5000A/60mV     M7123Q.   SH 6000A/60mV   6000A/60mV     M7123R.   SH 7500A/60mV   7500A/60mV     M7123T.   SH 10000A/60mV   10000A/60mV     M7123V.   SH 15000A/60mV   15000A/60mV   | M7123L. | SH 2500A/60mV  | 2500A/60mV            |
| M7123P.     SH 5000A/60mV     5000A/60mV       M7123Q.     SH 6000A/60mV     6000A/60mV       M7123R.     SH 7500A/60mV     7500A/60mV       M7123T.     SH 10000A/60mV     10000A/60mV       M7123V.     SH 15000A/60mV     15000A/60mV  | M7123M. | SH 3000A/60mV  | 3000A/60mV            |
| M7123Q.     SH 6000A/60mV     6000A/60mV       M7123R.     SH 7500A/60mV     7500A/60mV       M7123T.     SH 10000A/60mV     10000A/60mV       M7123V.     SH 15000A/60mV     15000A/60mV   | M7123N. | SH 4000A/60mV  | 4000A/60mV            |
| M7123R.   SH 7500A/60mV   7500A/60mV     M7123T.   SH 10000A/60mV   10000A/60mV     M7123V.   SH 15000A/60mV   15000A/60mV  | M7123P. | SH 5000A/60mV  | 5000A/60mV            |
| M7123T.     SH 10000A/60mV     10000A/60mV       M7123V.     SH 15000A/60mV     15000A/60mV   | M7123Q. | SH 6000A/60mV  | 6000A/60mV            |
| M7123V. SH 15000A/60mV 15000A/60mV  | M7123R. | SH 7500A/60mV  | 7500A/60mV            |
|   | M7123T. | SH 10000A/60mV | 10000A/60mV           |
| M71237 SH 180004/60mV 180004/60mV   | M7123V. | SH 15000A/60mV | 15000A/60mV           |
|   | M7123Z. | SH 18000A/60mV | 18000A/60mV           |

SHP: Faston connection; SHB: Insulating base socket(up to 100 A); SH: Without base

For other configurations see additional performance table. All shunts are supplied with 1.5 m long cables with a 1.5 mm² cross-section

Circutor

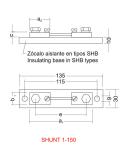


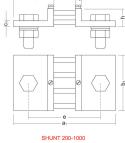
Shunts

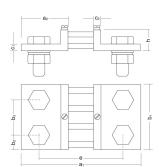
Code: M7122C.

### Dimensions

|                                  |                             |                  |     |     |    |     |    |     |    |       |     |                        | N°                             | Curi              | ent connect | ions                   |                                |
|----------------------------------|-----------------------------|------------------|-----|-----|----|-----|----|-----|----|-------|-----|------------------------|--------------------------------|-------------------|-------------|------------------------|--------------------------------|
| Voltage<br>drop mV <sub>c0</sub> | Range A <sub>ro</sub>       | Fig.             | al  | ə2  | b1 | b2  | b3 | c1  | c2 | e     | h   | Current<br>connections | Hexagonal<br>screws DIN<br>933 | Washer<br>DIN 125 | DIN 934 nut | Voltage<br>connections |                                |
|                                  | 1-1, 5-2,<br>5-4-6-10-15-25 | 1                | 90  | 28  | 20 |     | -  | 8   |    | 78    |     | 2 × 1                  | M5 x 12                        | 5,3               | -           |                        |                                |
|                                  |                             | 30-40-60-100-150 |     | 100 | 33 | 20  | -  |     | 8  | -     | 80  | -                      | 2 x 1                          | M8 x 16           | 8,4         | -                      |                                |
|                                  |                             | 250              |     | 145 | 55 | 30  | 15 |     | 10 | 10 10 | 105 | 30                     | 2 x 1                          | M12 x 40          | 13          | M12                    | 2 Screws<br>M5 x 8 DIN<br>84 & |
|                                  | 60                          | 400-600          |     | 145 | 55 | 40  | 20 | - C | 10 |       |     |                        | 2 x 1                          | M16 x 45          | 17          | M16                    |                                |
|                                  |                             | 800              | 2   | 165 | 65 | 60  | 30 |     | 10 | 10    | 115 | 30                     | 2 x 1                          | M20 x 50          | 21          | M20                    |                                |
|                                  |                             | 1500             | 1   |     |    | 90  | 21 | 48  | 10 |       |     |                        | 2 x 2                          | M16 x 45          | 17          | M16                    |                                |
|                                  |                             | 2500             |     |     |    | 120 | 30 | 60  | 10 | 10    | 115 | 30                     | 2 x 2                          | M20 x 50          | 21          | M20                    | 2 Washer 5.3                   |
| 150                              | 1-1,5-2,<br>5-4-6-10-15-25  | 1                | 90  | 25  | 20 |     | -  | 8   |    | 78    | -   | 2 x 1                  | M5 x 12                        | 5,3               | -           | DIN 433                |                                |
|                                  | 40-60-100-150               | 1                | 225 | 33  | 25 | -   | -  | 8   |    | 205   | -   | 2 x 1                  | M8 x 16                        | 8,4               | -           |                        |                                |
|                                  | 250                         |                  | 270 | 55  | 30 | 15  |    | 10  | 10 | 230   | 50  | 2 x 1                  | M12 x 40                       | 13                | M12         |                        |                                |
|                                  |                             | 400-600          | 2   | 2/0 | 20 | 40  | 20 | -   | 10 | 10    | 230 | 50                     | 2 x 1                          | M16 x 45          | 17          | M16                    |                                |
|                                  | 800                         | 1                | 290 | 65  | 70 | 35  | -  | 10  | 10 | 240   | 60  | 2×1                    | M20 x 50                       | 21                | M20         |                        |                                |



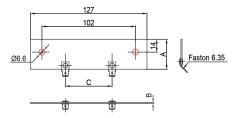




SHUNT 1500-2500

SHP xxxA / 60 mV

SHP xxxA / 60 mV



| Units: (A) | Α    | В    | C    |
|------------|------|------|------|
| 30         | 35   | 0.7  | 73.5 |
| 40         | 35   | 0.7  | 73.5 |
| 50         | 35   | 0.7  | 73.5 |
| 60         | 35   | 0.7  | 62   |
| 75         | 35   | 1.25 | 48   |
| 100        | 28.5 | 1.25 | 50.5 |
| 150        | 35   | 1.25 | 41.5 |
| 200        | 28.5 | 3    | 64   |

