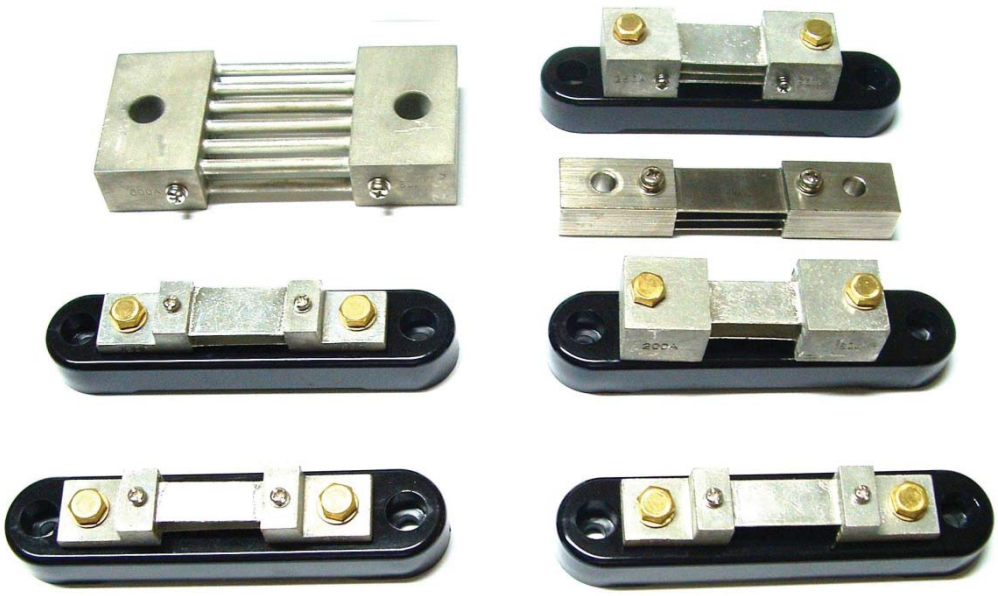

Description

Highly accurate manganin resistance dc shunts. When a current is passed through the shunt, a proportional millivolt output is produced. The current flowing through the shunts creates a voltage drop which can be measured with a measuring devices switched on in parallel. By switching on the shunts and the measuring devices in parallel, it is possible to use voltage measurement devices to measure the current or to gain an extension of the measuring facilities of the existing current measuring devices.

Application

Shunts are used for the indirect monitoring of high electrical current. The series shunts accurately measure and convert high DC current into millivolt output. They are made from brass extrusions and high quality manganin resistance wire. The manganin resistance wire is noted for its excellent stability and extremely low temperature coefficient. Production of the shunts complied with the requirements of IEC 51/60051 part8 (1984) and DIN 43703. They are available for currents as high as 4000A and millivolt output as 60mV.

Features

- ✓ Accuracy class : 0.5
- ✓ Output : 60mV
- ✓ Rated current : 5-4000A
- ✓ Permissible overload : continuous 1.2 x rated current
  5 seconds 5x rated current
- ✓ Operating temp. : -20°C to +70°C
- ✓ Temperature co-efficient : 0.002% per °C between 25°C to 80°C

Product Coding

NDS – 060

Basic type

Ratio

005	5A/60mV
060	60A/60mV
100	100A/60mV
150	150A/60mV
200	200A/60mV
250	250A/60mV
400	400A/60mV
600	600A/60mV
4000	4000A/60mV