

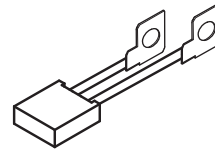
General Specifications

415940, 415941 and 415942
Shunt Resistor for Screw Input Terminal

GS 04L69A01-91EN

■ Overview

415940, 415941 and 415942 are precision shunt resistors, to convert DC current signal to DC voltage.



■ Model and Suffix Codes

Model	Description
415940	250 ohm resistance (for 3 mm screws)
415941	100 ohm resistance (for 3 mm screws)
415942	10 ohm resistance (for 3 mm screws)

■ Items to Specify when Ordering

Clearly state the model.

■ Characteristics

Resistance Tolerance	: $\pm 0.1\%$
TCR (ppm/ $^{\circ}\text{C}$)	: ± 25 ppm/ $^{\circ}\text{C}$
Rated Power	: 0.3 W
Allowable maximum current	: Model 415940: 35mA, Model 415941: 55mA, Model 415942: 173mA
Recommended input current	: Model 415940: 4-20mA, Model 415941: 10-50 mA, Model 415942: 4-20mA/10-50mA
Rated Ambient Temperature	: 70 $^{\circ}\text{C}$
Operational Temperature Range	: -25 to +80 $^{\circ}\text{C}$
Storage Temperature Range	: -40 to +85 $^{\circ}\text{C}$

■ External Dimensions

Unit: mm

