

>183.65546 65612.23 2829 955 56
 >198.65546 65612.23 2829 955 56
 >152.698016 68818.28 2399 92356
 >198.643636 78617.73 2289 783 56
 >124.634546 78672.23 7779 683 56
 >458.11142 83417.78 2397 876 56
 >145.523286 64486.22 2889 986 56
 >140.77060 32814.07 7060 328 56

MODEL 6014M



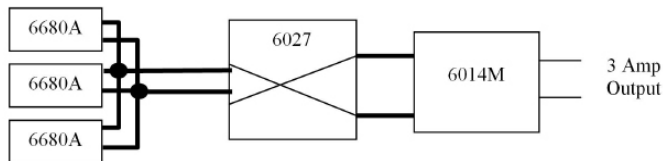
Automated 3000 Amp Range Extender

- 3000 Amp DCC Extender
- 1,000:1 Ratio Capability
- < 2-ppm uncertainty
- One of a Kind

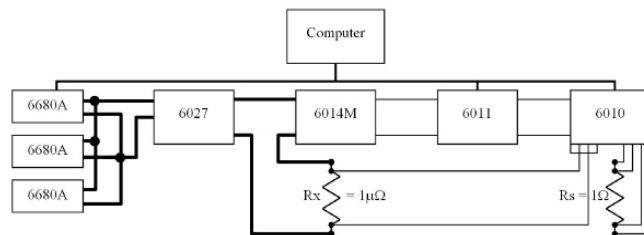
MODEL INFORMATION

The Model 6014M precision DC range extender is based on direct current comparator technology. The 6014M provides precision current division ratio of 1000:1 to a maximum of 3000A on its primary with 3 amperes out. Used in conjunction with the Model 6027 reversing switch, the 6014M can reverse currents up to 3000A.

The 6014M may be used as a stand-alone device to divide high DC Currents down to workable levels.



The 6014M is also used in the Measurements International's Shunt Measurement System with the 6010/6011 and 6027 high current reversing switch for ratio measurements of 1,000,000:1 [$1\mu\Omega$ shunt against a 1Ω standard (Model 9210)] automatically for direct comparisons up to 3000 amperes. This completely Automated "turn key" Current Shunt Measurement System, utilizing a 6010 and 6011 is the only system of its kind commercially available worldwide.



6014M used as range extender with the 6010

Specifications:

Maximum Ratio	1,000:1
Maximum Input Current	3000 Amps
Maximum Output Current	3 Amps
Linearity	< 2 PPM for 10% of Full Scale Current
Accuracy	< 2 PPM
Current Resolution	< 0.05 PPM of Full Scale Current
Output Compliance	10V DC
Operating Environment	18 to 34°C, 10 to 80% RH
Warranty	1 Year Parts & Labor

Dimensions (W x D x H):
 170 x 450 x 380 mm

Weight:
 48 kg

Shipping Weight:
 53 Kg

Accessories:
 6027 Reversing Switch

Operating Power:
 100, 120, 220, 240V - 50/60 Hz

How to Order:
 Model: 6014M
 Automated 3000 Amp Range Extender

Disributed By:

Corporate Headquarters

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