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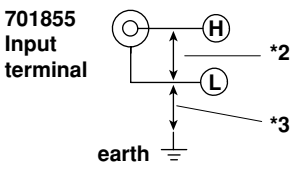
Find the *Yokogawa 701855* at our website: ***Click HERE***

15.18 High-speed Isolation Module (701855)

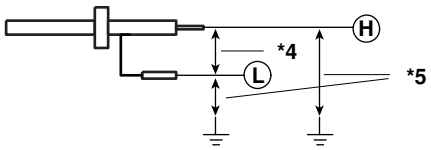
Item	Specifications
Number of input channels	1
Input coupling settings	AC, DC, GND
Maximum sample rate	10 MS/s
Input format	Isolated unbalanced
Frequency characteristics*1 (-3 dB point when sine wave of amplitude ± 3 div is input)	DC to 1 MHz
Voltage-axis sensitivity setting	5 mV/div to 20 V/div (1-2-5 steps) when using 700929 : 50 mV/div to 200 V/div (1-2-5 steps)
Maximum input voltage (At 1 kHz or less)	main instrument only (across input terminals H and L*2) 250 V(DC+ACpeak)(CAT I and II, 177 Vrms) combined with 700929 (across probe tips H and L*4) 850 V(DC+ACpeak)(CAT I and II, 600 Vrms)
Maximum allowable common mode voltage (At 1 kHz or less)	main instrument only (across input terminal L and earth*3) 42 V(DC+ACpeak)(CAT I and II, 30 Vrms) combined with 700929 (across probe tip H or L and earth*5) 400 Vrms (CAT I and II) (Specification when the EN61010-1 standard does not need to be satisfied: 600 Vrms)
DC offset range (max) (At 1:1 probe attenuation)	5 mV/div to 50 mV/div : ± 0.5 V 100 mV/div to 500 mV/div : ± 5 V 1 V/div to 5 V/div : ± 50 V 10 V/div to 20 V/div : ± 250 V*6
Vertical (voltage) axis accuracy DC accuracy*1 offset axis accuracy*1	 10 mV/div to 20 V/div : ± (1.5% of 8 div + offset voltage accuracy) 5 mV/div : ± (2.0% of 8 div + offset voltage accuracy) ± (0.04% of offset voltage range + 1% of setting value)
Input connector	BNC connector (isolating type)
Input impedance	1 MΩ 1%, approx. 30pF
-3dB point for AC coupling used	10 Hz or less(1 Hz or less when using 700929)
Common mode rejection ratio	80 dB(50/60 Hz) or more (typical*8)
Residual noise*7	Larger of ± 400 µV or ± 0.06 div(typical*8)
Withstand voltage (across input terminal and earth)	3700 VAC for 1 minute (60 Hz)
Isolation resistance (across input terminal and earth)	500 VDC, 10 MΩ or more
A/D conversion resolution	12 bit (500 LSB/div)
Probe attenuation settings	1:1, 10:1, 100:1 and 1000:1
Bandwidth limit	Select from OFF/500 Hz/5 kHz/ 50 kHz/ 500 kHz

*1 Measured value under standard operating conditions (refer to page 15-6)

Main instrument only



Combined with 700929



*6 Cannot exceed maximum input voltage
*7 Measured under the following conditions: input block shorted
*8 Typical (or average) value; not guaranteed

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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