TELEDYNE TEST SERVICES
Everywhere**you**look™

Motor Voltage Module (MVM)

U.S. Specifications

Input	0 to 460 VAC RMS, 50 / 60 Hz, 0.01 A
Output	0 to 0.33 VAC RMS, 50 / 60 Hz
Accuracy	1% of Reading, Phase Angle <1 degree
Weight	3.5 lbs. (1.6 kg)
Size	6.3 x 6.3 x 2.4 in (16 x 16 x 6 cm)
Specifications	UL Recognized

E.U. Specifications

Input	0 to 460 VAC RMS, 50 / 60 Hz, 0.01 A
Output	0 to 5.75 VAC RMS, 50 / 60 Hz
Accuracy	1% of Reading, Phase Angle <1 degree
Weight	3.5 lbs. (1.6 kg)
Size	6.3 x 6.3 x 2.4 in (16 x 16 x 6 cm)
Specifications	IEC 61140 Class II Double insulated CE Compliant, IED 60044-1, UL Recognized EN61010-2-030 & EN61558-2-6-
TEDS Sensor Recognition	(QUIKLOOK 3)

The Motor Voltage Module (MVM) is used to measure motor voltages on 3-phase AC inductive motors. MVMs can be used on Wye or Delta wound motors and are available in phase-phase or phase-ground configurations. The MVM converts high-level AC voltages to low-level signals that can be inputted to the QUIKLOOK Systems.

The MVM utilizes measured voltages to determine motor power and is configured with three voltage and current probes as well as a cable set for each. The motor power measurement is then used to determine motor health in the field. The motor power calculation is auto generated with the Quiklook software.

A complete motor power measurement system consists of a QUIKLOOK system plus the following parts:

MVM System Part Numbers

P/N	System	Type
160001		Phase-to-ground measurement
160001D	QL2	Phase-to-phase measurement
170018		CE phase-to-phase measurement
160211	QL3	Phase-to-ground measurement
160211D		Phase-to-phase measurement

Accessory Part Numbers

P/N	System	Type
160011M/M		MVM Voltage Cable to QUIKLOOK, Set of 3, 10 ft.
160012M/F	QL2	MVM Motor Current Cable Set, 3 cables, 10 ft.
160013		MVM to Voltage Probes Cable Set - Fused
160212		MVM Voltage Cable to QUIKLOOK, Set of 3,10 ft.
160213	QL3	MVM Motor Current Cable Set, 3 cables, 15 ft.
160214		MVM to Voltage Probes Cable Set - Fused

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For more information, please visit our website or email sales_testservices@teledyne.com

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