

# M-RESTER 시리즈 제품군

## STANDARD SIGNAL LINE USE

### 4-20 mA & Pulse Signal, Ultra-slim Type NEW



#### MD7ST-24 / MD7ST-60

Model No.	MD7ST-24	MD7ST-60
Max. Cont. Operat. Volt. (Uc)	30V	70V
Voltage Protection Level (Up)	60V max.	115V max.
Response Time	4 nanosec. max.	
Max. Discharge Curr. (Imax)	20 kA (8/20 μs), 1.0 kA (10/350 μs.)	
Nominal Current (IN)	250 mA	
Internal Resistance (Ω±10%, per line)	4.7Ω w/o fuse 7.5Ω w/ fuse	10Ω w/o fuse 12.5Ω w/ fuse
Test Standard	IEC 61643-21 (Categories C1, C2, D1)	

### Three-Wire Transmitter Loop, Ultra-slim Type NEW



#### MD73W

Model No.	MD73W
Max. Cont. Operat. Volt. (Uc)	±32V
Voltage Protection Level (Up)	±60V max.
Response Time	4 nanosec. max.
Max. Discharge Curr. (Imax)	20 kA (8/20 μs), 1.0 kA (10/350 μs.)
Nominal Current (IN)	400 mA
Internal Resistance	2.2Ω ±20% per line
Test Standard	IEC 61643-21 (Categories C1, C2, D1)

### Two-Wire Transmitter Loop, Ultra-slim Type NEW



#### MD72W

Model No.	MD72W-07	MD72W-16	MD72W-32	MD72W-55
Max. Cont. Operat. Volt. (Uc)	±7V	±16V	±32V	±55V
Voltage Protection Level (Up)	20V max.	30V max.	50V max.	80V max.
Response Time	4 nanosec. max.			
Max. Discharge Curr. (Imax)	20 kA (8/20 μs), 1.0 kA (10/350 μs.)			
Nominal Current (IN)	400 mA w/o fuse, 250 mA w/ fuse			
Internal Resistance (Ω±20%, per line)	2.2Ω w/o fuse, 4Ω w/ fuse			
Test Standard	IEC 61643-21 (Categories C1, C2, D1)			

### Two-Wire Transmitter Loop, Ultra-slim Type, with Life Monitor NEW



#### MD7AST

Future Plan

### 4-20 mA & Pulse Signal, Plug-in Type



#### MDP-24-1 / MDP-65-1

Model No.	MDP-24-1	MDP-65-1
Discharge Voltage	30V min.	70V min.
Max. Surge Voltage	40V max.	80V max.
Response Time	4 nanosec. max.	
Discharge Current	5000A (8/20 μsec.)	
Max. Load Current	100 mA	
Internal Resistance	Approx. 20 Ω (incl. return)	

### 4-20 mA & Pulse Signal, Plug-in Type, with Life Monitor



#### MDPA-24 / MDPA-65

Model No.	MDPA-24	MDPA-65
Discharge Voltage	30V min.	70V min.
Max. Surge Voltage	45V max.	85V max.
Response Time	4 nanosec. max.	
Discharge Current	5000A (8/20 μsec.)	
Max. Load Current	100 mA	
Internal Resistance	Approx. 20 Ω	

### 4-20 mA & Pulse Signal, Plug-in Type, with Life Monitor



#### MDM2A-24 / MDM2A-65

Model No.	MDM2A-24	MDM2A-65
Discharge Voltage	30V min.	70V min.
Max. Surge Voltage	45V max.	85V max.
Response Time	0.1 μsec. max.	
Discharge Current	5000A (8/20 μsec.)	
Max. Load Current	100 mA	
Internal Resistance	Approx. 20 Ω (incl. return)	

### 4-20 mA & Pulse Signal, Low Profile Type



#### MDK-24

Model No.	MDK-24
Discharge Voltage	30V min.
Max. Surge Voltage	40V max.
Response Time	0.1 μsec. max.
Discharge Current	5000A (8/20 μsec.)
Max. Load Current	100 mA
Internal Resistance	20 Ω ±5%

### 4-20 mA & Pulse Signal, High Speed, High Discharge Current Capacity



#### MMDH-24

Model No.	MMDH-24
Discharge Voltage	±40V min.
Max. Surge Voltage	±50V max.
Response Time	4 nanosec.
Discharge Current	20000A (8/20 μsec.)
Max. Load Current	100 mA
Internal Resistance	0.4 Ω max. (incl. return)

### 4-20 mA & Pulse Signal, Conduit Mount, Weather-Proof



#### MD6T-24 / MD6T-65

(Terminal Block Connection Type)

#### MD6N-24 / MD6N-65

(Leadwire Connection, Pipe Nipple Type)

#### MD6P-24 / MD6P-65

(Leadwire Connection, Stopping Plug Type)

Model No.	MD6T-24 / MD6N-24 / MD6P-24	MD6T-65 / MD6N-65 / MD6P-65
Discharge Voltage	30V min.	70V min.
Max. Surge Voltage	40V max.	100V max.
Response Time	4 nanosec. max.	
Discharge Current	10000A (8/20 μsec.)	
Max. Load Current	100 mA	
Internal Resistance	Approx. 22Ω (incl. return)	