

SENSOR SIGNAL USE

Thermocouple, Ultra-slim Type

NEW



MD7TC

Model No.	MD7TC
Max. Cont. Operat. Volt. (Uc)	7.5V
Voltage Protection Level (Up)	25V max.
Response Time	4 nanosec. max.
Max. Discharge Curr. (Imax)	20kA (8/20 μ sec.), 1.0kA (10/350 μ sec.)
Nominal Current (IN)	100 mA
Internal Resistance	4.7 Ω \pm 10% per line
Test Standard	IEC 61643-21 (Categories C1, C2, D1)

Thermocouple, Plug-in Type



MDP-TC

Model No.	MDP-TC
Discharge Voltage	7.5V min.
Max. Surge Voltage	16V max.
Response Time	0.1 μ sec. max.
Discharge Current	5000A (8/20 μ sec.)
Max. Load Current	100 mA
Internal Resistance	approx. 20 Ω (incl. return)

RTD, Ultra-slim Type

NEW



MD7RB

Model No.	MD7RB
Max. Cont. Operat. Volt. (Uc)	\pm 3V
Voltage Protection Level (Up)	\pm 25V max.
Response Time	4 nanosec. max.
Max. Discharge Curr. (Imax)	20kA (8/20 μ sec.), 1.0kA (10/350 μ sec.)
Nominal Current (IN)	100 mA
Internal Resistance	5.12 Ω \pm 0.3%, \pm 30 ppm/ $^{\circ}$ C per line
Test Standard	IEC 61643-21 (Categories C1, C2, D1)

RTD, Plug-in Type



MDP-RB

Model No.	MDP-RB
Discharge Voltage	\pm 3V min.
Max. Surge Voltage	\pm 16V max.
Response Time	0.1 μ sec. max.
Discharge Current	5000A (8/20 μ sec.)
Max. Load Current	100 mA
Internal Resistance	10 Ω \pm 0.1%, 30 ppm/ $^{\circ}$ C (3-wire)

Potentiometer, Ultra-slim Type

NEW



MD7PM

Model No.	MD7PM
Max. Cont. Operat. Volt. (Uc)	7.5V
Voltage Protection Level (Up)	25V max.
Response Time	4 nanosec. max.
Max. Discharge Curr. (Imax)	20kA (8/20 μ sec.), 1.0kA (10/350 μ sec.)
Nominal Current (IN)	100 mA
Internal Resistance	4.7 Ω \pm 10% per line
Test Standard	IEC 61643-21 (Categories C1, C2, D1)

Potentiometer, Plug-in Type



MDP-PM

Model No.	MDP-PM
Discharge Voltage	7.5V min.
Max. Surge Voltage	16V max.
Response Time	0.1 μ sec. max.
Discharge Current	5000A (8/20 μ sec.)
Max. Load Current	100 mA
Internal Resistance	10 Ω \pm 0.1%, 30 ppm/ $^{\circ}$ C

Strain Gauge, Ultra-slim Type

NEW



MD7LC

Released 2008

Strain Gauge, Plug-in Type



MDP-LC

Model No.	MDP-LC	
Discharge Voltage	Line Side	\pm 0.3V min.
	Exc. Side	15V min.
Max. Surge Voltage	Line Side	\pm 15V max.
	Exc. Side	30V max.
Response Time	5 nsec. max.	
Discharge Current	Line Side	100A (8/20 μ sec.)
	Exc. Side	50A (8/20 μ sec.)

M-RESTER 시리즈 제품군

SENSOR SIGNAL USE

Strain Gauge, Low Profile Type



MDK-LC

Model No.	MDK-LC	
Discharge Voltage	Line Side	±0.3V min.
	Exc. Side	15V min.
Max. Surge Voltage	Line Side	±15V max.
	Exc. Side	30V max.
Response Time	5 nsec. max.	
Discharge Current	Line Side	100A (8/20 μsec.)
	Exc. Side	50A (8/20 μsec.)

Strain Gauge, 6-wire Remote Sensing



MD-LC2

Model No.	MD-LC2	
Discharge Voltage	Line Side	±0.3V min.
	Exc. Side	15V min.
Max. Surge Voltage	Line Side	±20V max.
	Exc. Side	40V max.
Response Time	4 nsec. max.	
Discharge Current	Line Side	5000A (8/20 μsec.)
	Exc. Side	

Signal Line with Excitation, Low Profile Type



MDK-LV

Model No.	MDK-LV	
Discharge Voltage	Line Side	10V min.
	Exc. Side	30V min.
Max. Surge Voltage	Line Side	20V max.
	Exc. Side	40V max.
Response Time	0.1 μsec. max.	
Discharge Current	Line Side	5000A (8/20 μsec.)
	Exc. Side	

Self-Synch, Ultra-slim Type



MD7JS

Released 2008

CE

Self-Synch Plug-in Type



MDP-JS

Model No.	MDP-JS
Discharge Voltage	±170V min. (peak-to-peak)
Max. Surge Voltage	±350V max. (peak-to-peak)
Response Time	0.1 μsec. max.
Discharge Current	5000A (8/20 μsec.)
Max. Load Current	500 mA
Internal Resistance	approx. 2Ω per wire

2-Point Pulse with Common Negative, Ultra-slim Type



MD7PL

Released 2008

CE

Low Frequency Pulse



MDP-SP

Model No.	MDP-SP
Discharge Voltage	14V min.
Max. Surge Voltage	30V max.
Response Time	0.1 μsec. max.
Discharge Current	5000A (8/20 μsec.)
Max. Load Current	50 mA
Internal Resistance	approx. 10 Ω

CE

8-point On-Off Signal, Terminal Board Type



MDR-8

Model No.	MDR-8
Discharge Voltage	30V min.
Max. Surge Voltage	40V max.
Response Time	0.1 μsec. max.
Discharge Current	1000A (8/20 μsec.)
Max. Load Current	100 mA
Internal Resistance	approx. 100 Ω