HIOKI

日置

LR8101, LR8102
M7103

DATA LOGGER LR8101, LR8102
POWER MEASUREMENT MODULE M7103

NEW

/

M7103

» DC2000 V DC1500V

» 19 4U 12

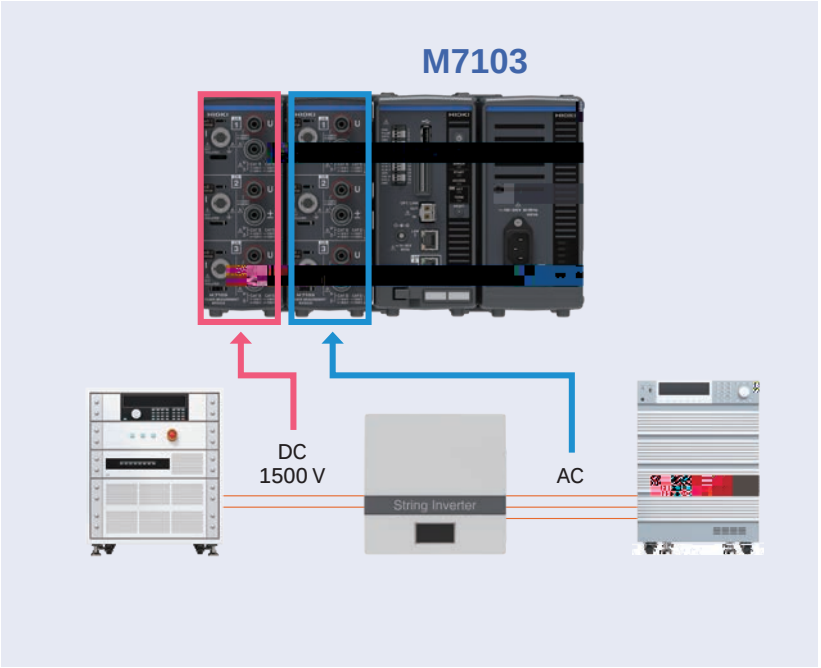
» 12 10 120

» 100%

01

M7103 DC 1500 V CAT， /DC 1000 V CAT」

DC 1500 V

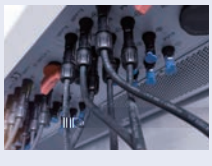


02

M7103 19 4U 12

19 4U 12

-
-
-



2

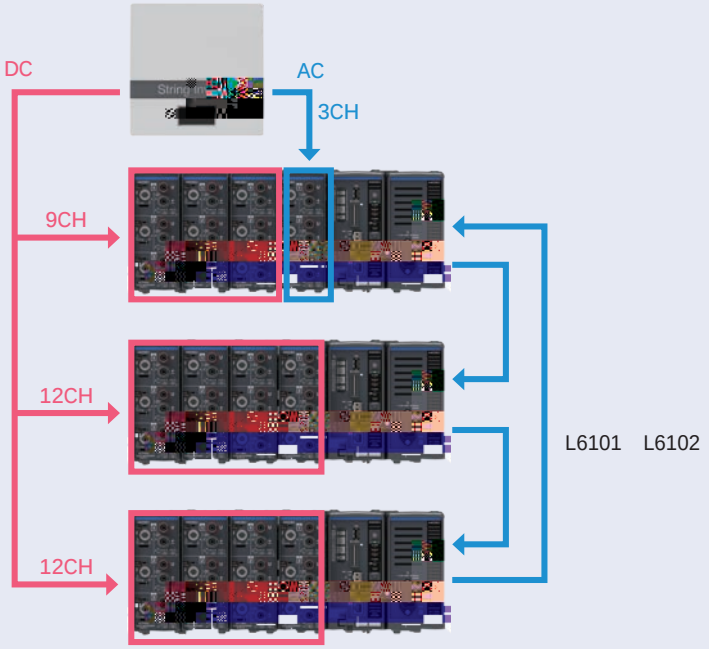
03 MPPT

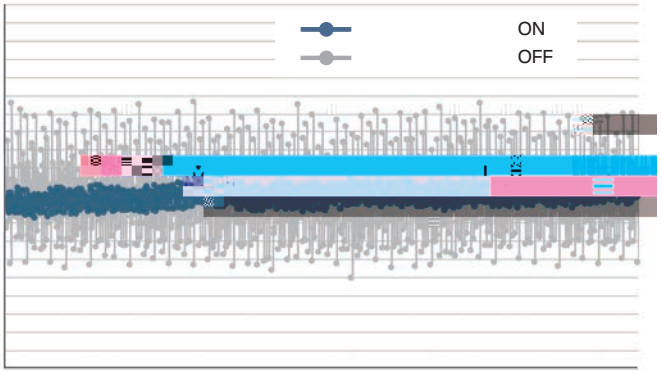
MPPT

MPPT

LR8102 M7103 120

120





100%

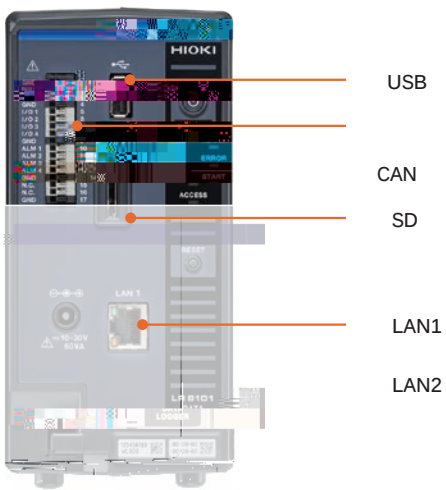
M7103

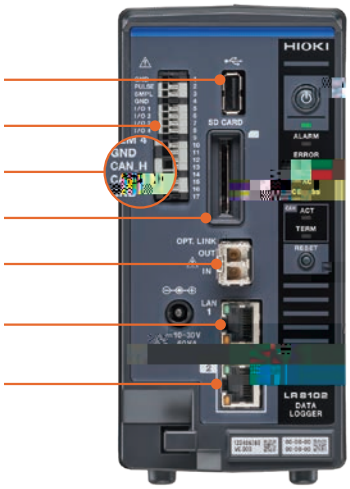
M7100

M7102

Logger Utility 5 ms

Logger Utility





LAN

LAN1 LAN2(LR8102)
UDP

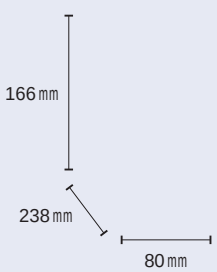
CAN (LR8102)

CAN

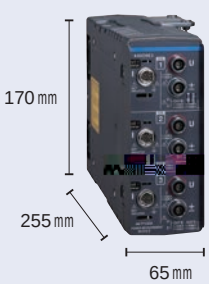
(LR8102)

LR8102
3000

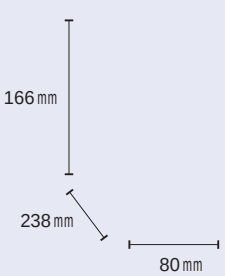
LR8101



LR8102

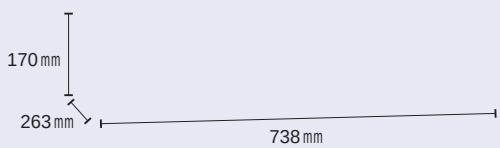


M7103



M1100

4 M7103



4 M7103
6 M7100

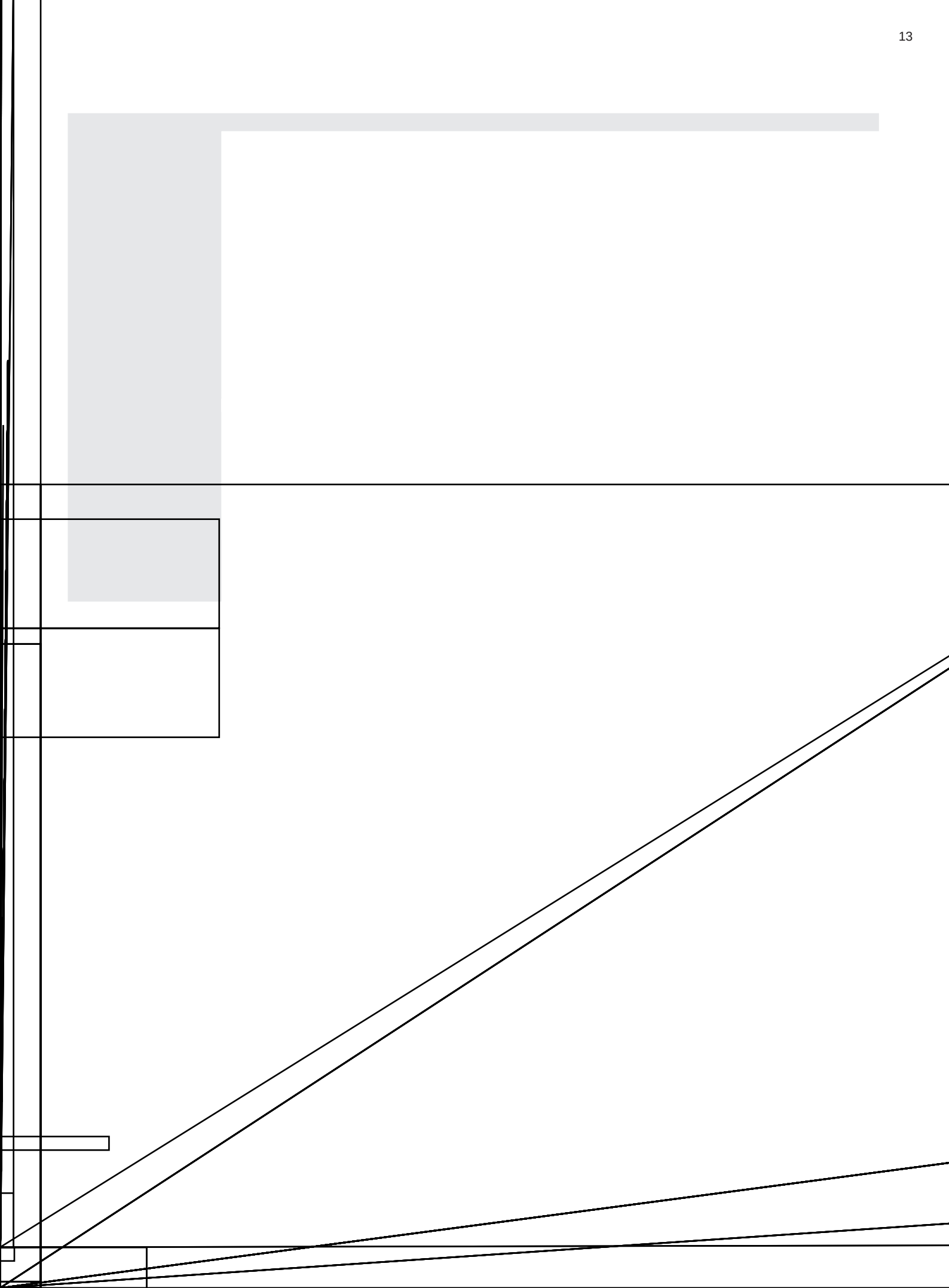
	2 2000 m
	0°C 40°C 80% RH ( )
	-10°C 50°C 80% RH ( )
	EN 61010 EMC EN 61326 Class A
	IEC 61000-4-7:2002 A1:2008 IEC
	65W × 170H × 255D mm( )
	1.5 kg
	3

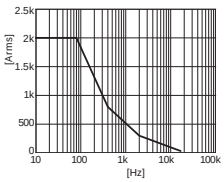
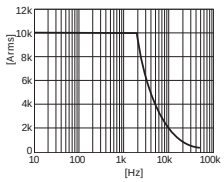
	2 (1P2W) 3 (1P3W) 3 (3P3W2M 3V3A 3P3W3M) 4 (3P4W)

(WIRING)	CH1	CH2	CH3
1P2W × 3	1P2W		
1P3W&1P2W	1P3W		1P2W
3P3W2M	3P3W2M		1P2W
3V3A	3V3A		
3P3W3M	3P3W3M		
3P4W	3P4W		

	3 (3 U1 U3 3 I1 I3)
	( ) (ME15W)
	( )
	6 V/15 V/30 V/60 V/150 V/300 V/600 V/1500 V
	0.04 A/0.08 A/0.2 A/0.4 A/0.8 A/2 A(2 A) 0.4 A/0.8 A/2 A/4 A/8 A/20 A(20 A) 4A/8 A/20 A/40 A/80 A/200 A(200 A) 40 A/80 A/200 A/400 A/800 A/2 kA(2000 A) 0.1 A/0.2 A/0.5 A/1 A/2 A/5 A(5 A) 1 A/2 A/5 A/10 A/20 A/50 A(50 A) 10 A/20 A/50 A/100 A/200 A/500 A(500 A) 20 A/40 A/100 A/200 A/400 A/1 kA(1000 A) CT9920 400 A/800 A/2 kA/4 kA/8 kA/20 kA(100 µV/A) 40 A/80 A/200 A/400 A/800 A/2 kA(1 mV/A) 4 A/8 A/20 A/40 A/80 A/200 A(10 mV/A) 0.4 A/0.8 A/2 A/4 A/8 A/20 A(100 mV/A) 0.04 A/0.08 A/0.2 A/0.4 A/0.8 A/2 A(1 V/A) ( )
	3( ) 1500 V 1.35
	3 MΩ ± 30 kΩ 1.5 pF / 1 MΩ ± 50 kΩ
	1000 V 2000 V/ 8 V ± 12 V
	AC/DC 1000 V III 8000 V AC 1000 V/DC 1500 V II 8000 V
	500 kHz/16 bit
	DC 0.1 Hz 100 kHz
	1% 110%
	10 V f.s. 6% (9272-05) 10 V f.s. 30% (CT9920)

	( )
	0.1 Hz 30 kHz
	50 ms (5 ms 50 ms 200 ms 50 ms 4)



	CT7642, CT7742	CT7044, CT7045, CT7046
	AC/DC 2000 A	AC 6000 A
	CT7642 DC 10 kHz CT7742 DC 5 kHz	10 Hz 50 kHz(± 3 dB)
	φ55 mm	CT7044 φ100 mm CT7045 φ180 mm CT7046 φ254 mm
	DC, 45Hz 66 Hz ± 1.5% rdg. ± 0.5% f.s. 66 Hz ± 2.3 °	45 66 Hz ± 1.5% rdg. ± 0.25% f.s. ± 1.0 °
( )	66 Hz 1 kHz, ± 2.5% rdg. ± 1.0% f.s.	-
	-25°C 65°C	-25°C 65°C
	± 1.0%rdg.	± 3.0%
	400 A/m (DC) 0.2% f.s.	400 A/m (50Hz/60Hz) CT7044, CT7045 2.0% f.s. CT7046 2.5% f.s.
	HIOKI PL14 *	HIOKI PL14 *
	64W × 195H × 34D mm ( )	25W × 72H × 20D mm ( )
	2.5 m	2.5 m
	510 g	CT7044 160 g, CT7045 174 g, CT7046 186 g
		

M7103 CT9920( )

DCCT 50 A
(5 A)

	PW9100A-3	PW9100A-4
	3	4
	AC/DC 50 A	
	DC 3.5 MHz(-3dB)	
( )	± 0.02 rdg. ± 0.005 f.s. ± 0.1 °(45 Hz 65 Hz) ± 0.02 rdg. ± 0.007 f.s.(DC)	
	CAT 1000 V CAT 600 V	

PW9100A

CT9557

CT9557		
	P12 P15	
± (% of reading % of full scale)	DC	: ± 0.06% ± 0.03%
	1 kHz	: ± 0.06% ± 0.03%
	10 kHz	: ± 0.10%. ± 0.03%
	100 kHz	: ± 0.20% ± 0.10%
	300 kHz	: ± 1.0% ± 0.20%
	700 kHz	: ± 5.0% ± 0.20%
	1 MHz	: ± 10.0% ± 0.50%
	-10°C 50°C( )	
	AC 100 V 240 V(50 Hz/60 Hz)	
	HIOKI ME15W( )	
(W × H × D)	116 mm × 67 mm × 132 mm	

1 ( )	1000 A	CT6876A CT6846A
	2000 A	CT6877A
2	2000 A	CT9557 CT6876A × 2/ CT9557 CT6846A × 2
	4000 A	CT9557 CT6877A × 2
3	3000 A	CT9557 CT6876A × 3/ CT9557 CT6846A × 3
	6000 A	CT9557 CT6877A × 3/
4	4000 A	CT9557 CT6876A × 4/ CT9557 CT6846A × 4
	8000 A	CT9557 CT6877A × 4