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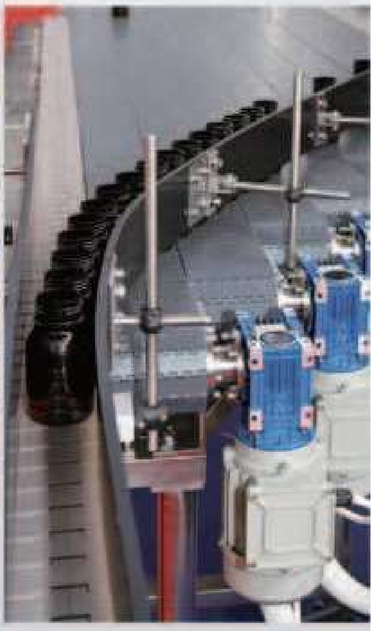

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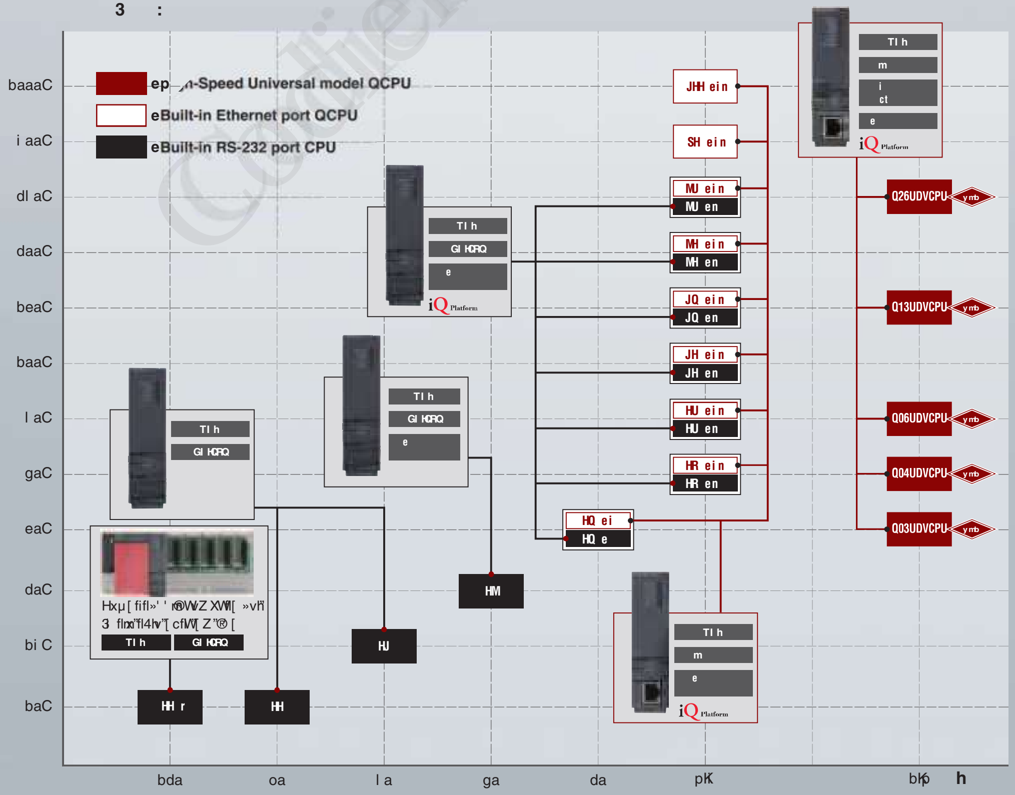
v mul mi HF T ...rsal Model Lineup

A 3 :



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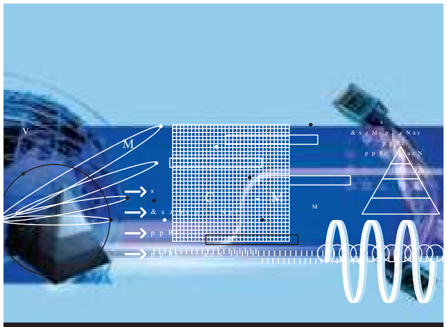

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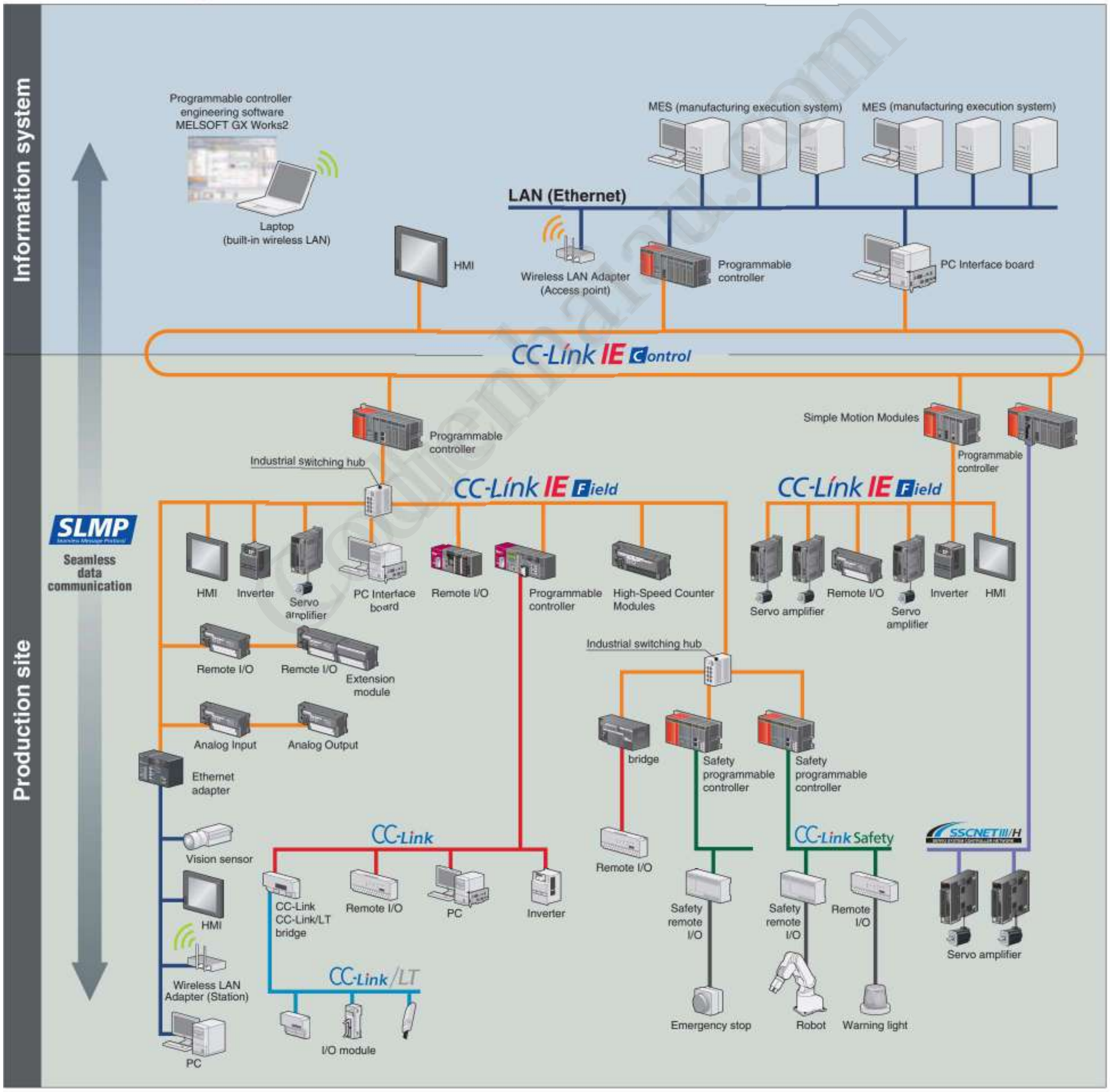
■ Network Configurations


Information system
Programmable controller
engineering software
MELSOFT GX Works2
Laptop
(built-in wireless LAN)
MES (manufacturing execution system)
MES (manufacturing execution system)
LAN (Ethernet)
HMI
Wireless LAN Adapter
(Access point)
Programmable
controller
PC Interface board
CC-Link IE Control
Production site
Programmable
controller
Simple Motion Modules
Programmable
controller
Industrial switching hub
CC-Link IE Field
CC-Link IE Field
SLMP
Seamless
data
communication
HMI
Inverter
Servo
amplifier
PC Interface
board
Remote I/O
Programmable
controller
High-Speed Counter
Modules
Servo amplifier
Remote I/O
Servo
amplifier
Inverter
HMI
Remote I/O
Remote I/O
Extension
module
Industrial switching hub
Analog Input
Analog Output
bridge
Safety
programmable
controller
Safety
programmable
controller
Ethernet
adapter
Vision sensor
CC-Link
Remote I/O
CC-Link Safety
SSCNETIII/H
HMI
CC-Link
CC-Link/LT
bridge
Remote I/O
PC
Inverter
Safety
remote
I/O
Safety
remote
I/O
Remote
I/O
Servo amplifier
Wireless LAN
Adapter (Station)
CC-Link/LT
I/O module
Emergency stop
Robot
Warning light
PC

A u

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Nvh–{–fiflWhq xZ[m l , HN		l aaNB, HN	FxKx] ARG ' xhv"flr di l ' xhv"fl8vxKx] ARG Z[–HY[' xhv"flr obpd ' xhv"fl8' ,rogram capacitY® ba C fl"[' fl8 XWflhY x' [fiWhxv ' fixY[flflhvc fl' [[Z 3D- hvfl"fi»Y"hxv4 aKbd fl8' fixcftim memory capacitY® ga C+8 ' [fih f [fiWhYxvv[Y"hxv ' xfi"flr NL+ WZ J Lded8vx q [q xfi®YWZ I/F, 5-slot base, with 10o "x dga O* , hv' »" Pi O- , Re * x»"' »"' xµ [fifl»' ' n®
		l aaN, HN	FxKx] ARG ' xhv"flr badg ' xhv"fl8vxKx] ARG Z[–HY[' xhv"flr o'192 points, program capacity: 10 C fl"[' fl8 XWflhY x' [fiWhxv ' fixY[flflhvc fl' [[Z 3D- hvfl"fi»Y"hxv4 aK68 µs, program memory capacity: 40 C+8 ' [fih f [fiWhYxvv[Y"hxv ' xfi"flr NL+ WZ J Lded8vx memory card I/F
		l abN, HN	FxKx] ARG ' xhv"flr badg ' xhv"fl8vxKx] ARG Z[–HY, points: 8192 points, program capacitY® bi C fl"[' fl8 XWflhY x' [fiWhxv ' fixY[flflhvc fl' [[Z 3D- hvfl"fi»ction): 0.06 µs, program memory capaWh® l a C+8 ' [fih f [fiWhYxvv[Y"hxv ' xfi"flr NL+ WZ J L232, no memory card I/F
		l adN, HN	FxKx] ARG ' xhv"flr dago ' xhv"fl8vxKx] A'O device points: 8192 points, prograr YW WYh"® da C fl"[' fl8 XWflhY x' [fiWhxv ' fixY[flflhvc fl' [[Z LD instruction): 0.04 µs, program mer xfi®YW WYh"® oa C+8 ' [fih f [fiWhYxvv[Y"hxv ' xfi"flr NL and RS232, with memory card I/F
		l aeN- , HN	FxKx] ARG ' xhv"flr gapl ' xhv"S, no. of I/O device points: 8192 points8' fixcfWq YW WYh"® ea C fl"[' fl8 XWflhY x' [fiWhxv ' fixY[flflhvg speed (LD instruction): 0.02 µs, procfWq q [q xfi®YW WYh"® bda C+8 q »rith rfn , HN f hcf 9l' [Ld communication, peripheral connectixv ' xfi"flr NL+ WZ J Lded8µ h"f q [q xfi®YWZ AR7
		l agN- ; , HN	FxKx] ARG ' xhv"flr ga96 points, no. of I/O device points: 81pd ' xhv"fl8' fixcfWq YW WYh"® ga C fl"[' fl8 XWflhY x' [fiWhxv 'rocessing speed (LD instruction): 0.06api fl8' fixcfWq q [q xfi®YW WYh"® bl a C+8 q »rith rfn , HN high-speed communication, peripheralWhYxvv[Y"hxv ' xfi"flr NL+ WZ J Lded8µ h"f q [q xfi®YWZ AR7
		l al N- ; , HN	FxKx] ARG points: 4096 points, no. of I/O device xhv"flr obpd ' xhv"fl8' fixcfWq YW WYh"® l a C fl"[' fl8 XWflhY x,peration processing speed (LD instruc"hxv4 aKaapi fl8' fixcfWq q [q xfi®YW WYh"® dga C+8 q »rirtiple CPU high-speed communication, [fih f [fiWhYxvv[Y"hxv ' xfi"flr NL+ WZ J Lded8µ h"f q [q xfi®YWZ AR7
		l baN- ; , HN	Fo. of I/O points: 4096 points, no. of I/G Z[–HY[' xhv"flr obpd ' xhv"fl8' fixcfWq YW WYh"® baa C fl"[' fl8 basic operation processing speed (LF hvfl"fi»Y"hxv4 aKaapi fl8' fixcfWq q [q xfi®YW WYh"® gaa C+8 multiple CPU high-speed commuvhYWhxv8' [fih f [fiWhYxvv[Y"hxv ' xfi"flr NL+ WZ J Lded8µ h"f q [q xfi®YWZ AR7
		l beN- ; , HN	No. of I/O points: 4096 points8vxKx] ARG Z[–HY[' xhv"flr obpd ' xhv"fl8' fixcfWq YW WYh"® bea C fl"[' fl8 basic operation processing fl' [[Z 3D- hvfl"fi»Y"hxv4 aKaapi fl8' fixcfWq q [q xfi®YW WYh"® i da C+8 multiple CPU high-speeZ Yxq q »vhYWhxv8' [fih f [fiWhYxvv[Y"hxv ' xfi"flr NL+ WZ J Lded8µ h"f q [q xfi®YWZ AR7
		l daN- ;HCPU	No. of I/O points: 40pl ' xhv"fl8vxKx] ARG Z[–HY[' xhv"flr obpd ' xhv"fl8' fixcfWq YW WYh"® daa C fl"[' fl8 basic operation prxY[flflhvc fl' [[Z 3D- hvfl"fi»Y"hxv4 aKaapi fl8' fixcfWq q [q xfi®YW WYh"® oaa C+8 multiple CPU hicf 9l' [[Z Yxq q »vhYWhxv8' [fih f [fiWhYxvv[Y"hxv ' xfi"flr NL+ WZ J Lded8µ h"f q [q xfi®YWZ AR7
		l dl N- ;'CPU	No. of I/O rxhv"flr gapl ' xhv"fl8vxKx] ARG Z[–HY[' xhv"flr obpd ' xhv"fl8' fixcfWq YW WYh"® dl a C fl"[' fl8 basic op(fiWhxv ' fixY[flflhvc fl' [[Z 3D- hvfl"fi»Y"hxv4 aKaapi fl8' fixcfWq q [q xfi®YW WYh"® baga C+8 multiprfn , HN f hcf 9l' [[Z Yxq q »vhYWhxv8' [fih f [fiWhYxvv[Y"hxv ' xfi"flr NL+ WZ J Lded8µ h"f q [q xfi®YWZ AR7
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7xfiq xfi[hv]xfiq Whxv8' rhWfl[f[ ][fi"x "f [' fixZ»Y" q W »Wfh xfi Yxv"WY" ®x»fi mYWhE h"fl»Xhlf hf[' f[fl[v"Wh–{–]xfi Z["WhflK

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		l aa, HN	FxKx] ARG ' xhv"flr badg ' xhv"fl8vxKx] ARG Z[–HY[' xhv"flr dago ' xhv"fl8' fixcfWq YW WYh"®r o C fl"[' fl8 XWhY x' [fiWhxv ' fixY[flflhvc fl' [[Z 3D- hvfl"fi»Y"hxv4r akbl fl8' fixcfWq q [q xfi®YW WYh"®r pg C+8 ' [fih f [fiWhYxvv[Y"hxv ' xfi"flr J Lded8vx q [q xfi®YWfZ AR7
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; hcf H[fixfiq WY[q xZ[m l , HN		l ad, HN	FxKx] ARG ' xhv"flr gapl ' xhv"fl8vxKx] ARG Z[–HY[' xhv"flr obpd ' xhv"fl8' fixcfWq YW WYh"®r do C fl"[' fl8 XWhY x' [fiWhxv ' fixY[flflhvc fl' [[Z 3D- hvfl"fi»Y"hxv4r akanp fl8' fixcfWq q [q xfi®YW WYh"®r bbd C+8 ' [fih f [fiWhYxvv[Y"hxv ' xfi"flr J Lded8µ h"f q [q xfi®YWfZ AR7
		l ad; , HN	FxKx] ARG ' xhv"flr gapl ' xhv"fl8vxKx] ARG Z[–HY[' xhv"flr obpd ' xhv"fl8' fixcfWq YW WYh"®r do C fl"[' fl8 XWhY x' [fiWhxv ' fixY[flflhvc fl' [[Z 3D- hvfl"fi»Y"hxv4r akaeg fl8' fixcfWq q [q xfi®YW WYh"®r bbd C+8 ' [fih f [fiWhYxvv[Y"hxv ' xfi"flr NL+ WZ J Lded8µ h"f q [q xfi®YWfZ I/F
		l al ; , HN	FxKx] ARG ' xhv"flr gapl ' xhv"fl8vxKx] ARG Z[–HY[' xhv"flr obpd points, program ca/ WYh"®r l a C fl"[' fl8 XWhY x' [fiWhxv ' fixY[flflhvc fl' [[Z 3D- hvfl"fi»Y"hxv4r akaeg µs, program memory cap WYh"®r dga C+8 ' [fih f [fiWhYxvv[Y"hxv ' xfi"flr NL+ WZ J Lded8µ h"f q [mory card I/F
		l bd; , HN	FxKx] ARG ' xhv"flr gapl ' xhv"fl8vxKx] ARG Z[–HY[' xhnts: 8192 points, program capacit®r bdg C fl"[' fl8 XWhY x' [fiWhxv ' fixY[flflhvc fl' [[Z 3D- hvfl"fi»Y"hx n): 0.034µs, program memory capach"®r gpl C+8 ' [fih f [fiWhYxvv[Y"hxv ' xfi"flr NL+ WZ J Lded with memory card I/F
		l di ; , HN	FxKx] ARG ' xhv"flr gapl ' xhv"fl8vxKx] ARG Zevice points: 8192 points, program ca WYh"®r di d C fl"[' fl8 XWhY x' [fiWhxv ' fixY[flflhvc fl' [[Z 3D- instruction): 0.034µs, program memor®YW WYh"®r baao C+8 ' [fih f [fiWhYxvv[Y"hxv ' xfi"flr NL+ Wd RS232, with memory card I/F
HfixY[flfl , HN		l adH; , HN	FxKx] ARG ' xhv"flr gapl ' xhv"fl8vx. of I/O device points: 8192 points, prxcfWq YW WYh"®r do C fl"[' fl8 XWhY x' [fiWhxv ' fixY[flflhvc fl' eed (LD instruction): 0.034µs, prograq q [q xfi®YW WYh"®r bbd C+8 ' [fih f [fiWhYxvv[Y"hxv ' xfi"fl: USB and RS232, with memory card AR7
		l al H; , HN	FxKx] ARG ' xhv"flr gapl points, no. of I/O device points: 8192 ' xhv"fl8' fixcfWq YW WYh"®r l a C fl"[' fl8 XWhY x' [fiWhxv ' fixYessing speed (LD instruction): 0.034µn8' fixcfWq q [q xfi®YW WYh"®r dga C+8 ' [fih f [fiWhYxvv[Yion ports: USB and RS232, with mer xfi®YWfZ AR7
		l bdH; , HN	FxKx] ARG ' xhnts: 4096 points, no. of I/O device poir"flr obpd ' xhv"fl8' fixcfWq YW WYh"®r bdg C fl"[' fl8 XWhY x' [fiMtion processing speed (LD instruction4r akaeg fl8' fixcfWq q [q xfi®YW WYh"®r gpl C+8 ' [fih f [fiMl connection ports: USB and RS232, µ h"f q [q xfi®YWfZ AR7
		l di H; , HN	FxKxf I/O points: 4096 points, no. of I/O de–HY[' xhv"flr obpd ' xhv"fl8' fixcfWq YW WYh"®r di d C fl"[' fl8 XWsic operation processing speed (LD invfl"fi»Y"hxv4r akaeg fl8' fixcfWq q [q xfi®YW WYh"®r baao C+8 peripheral connection ports: USB and J Lded8µ h"f q [q xfi®YWfZ AR7
J [Z»vZWv" , HN		l bdHJ ; , HN	No. of I/O points: 4096 points, nox] ARG Z[–HY[' xhv"flr obpd ' xhv"fl8' fixcfWq YW WYh"®r bdg C fl"[' fl8 basic operation processing sp[Z 3D- hvfl"fi»Y"hxv4r akaeg fl8' fixcfWq q [q xfi®YW WYh"®r gpl C+8 peripheral connection ports: NL+ WZ J Lded8µ h"f q [q xfi®YWfZ AR7
		l di HJ ; CPU	No. of I/O points: 4096 rxhv"fl8vxKx] ARG Z[–HY[' xhv"flr obpd ' xhv"fl8' fixcfWq YW WYh"®r di d C fl"[' fl8 basic operation procerlflhvc fl' [[Z 3D- hvfl"fi»Y"hxv4r akaeg fl8' fixcfWq q [q xfi®YW WYh"®r baao C+8 peripheral connectixv ' xfi"flr NL+ WZ J Lded8µ h"f q [q xfi®YWfZ AR7
	MfWYkhvc YWXfn	l , 10TR	Tracking cable b q
		l , 30TR	Tracking caXfn e q
, , xv"fixmfnfi , HN		l d4DHCCPU-V **NEW**	No. of KG ' xhv"flr gapl ' xhv"fl8[vZhWv]xfiq Wr mh"m [vZhWv8fi[q x–WXfn fl"xfWc[r L- q [q xfi®YWfZ8GL rO² Q xfkfl O[fiflhxv l K6Kb
		l b2DCCPU-V	No.x] ARG ' xhv"flr gapl ' xhv"fl8[vZhWv]xfiq Wr mh"m [vZhWv8fi[q x–WXfn fl"xfWc[r , xq ' WY"7 mWf YWfZ8GL rO² Q xfkfl O[fiflhxv l Kg
		l al , CPU-V	FxKx] ARG ' xhv"flr gapl ' xhv"fl8[vZhWv]xfiq Wr mh"m [vZhWv8fi[q x–WXfn fl"xfWc[r , xq ' WY"7 mWf YWfZ8GL rO² Q xfkfl O[fiflhxv i Kg
	G' "hxv	l bd- , , HIJ-CBL*1*2	J L9ded Yxvv[Y"hxv Yxv–fi"[fi YWXfn 3Y»fl"xq q hvh9- AF "x p9 hv - 9fl»X Yxvv[Y"xfi4
		DbE / E 9d: +L- 5*5*	L- q [q xfi®YWfZ8YW WYh"®r d : +
		DbE / E 9g: +L- 5*5*	L- ; , q [q xfi®YWfZ8YW WYh"®r g : +
		: Mai 9E / E 9bdoE , 5*	, xq ' WY"7 mWf YWfZ8YW WYh"®r bdo E +
		: Mai 9E / E 9di l E , 5*	, xq ' WY"7 mWf YWfZ8YW WYh"®r di l E +
		l - obE / E 9 bdE+ , 5*5	, xq ' WY"7 mWf YWfZ8YW WYh"®r i bd E +
		l - obE / E 9b: + , 5*5	, xq ' WY"7 mWf YWfZ8YW WYh"®r b : +
		l - obE / E 9d: + , 5*	, xq ' WY"7 mWf YWfZ8YW WYh"®r d : +
		l - obE / E 9g: + , 5*	, xq ' WY"7 mWf YWfZ8YW WYh"®r g : +
		l - obE / E 9o: + , 5*	, xq ' WY"7 mWf YWfZ8YW WYh"®r o : +

5br 7xfi»fl[µ h"f l dg- ; , , HNK
5dr 7xfi»fl[µ h"f l bd- , , HN9OK
5er E h"fl»Xhlf h/ mY"fhY flf Whmx" c»WhWv"[["f [x' [fiWhxv x] Wv®vxv9E h"fl»Xhlf h/ mY"fhY' fixZ»Y"flK
5gr , Wv xvm®X[»fl[Z hv Yxq XhvWhxv µ h"f E »mh9 HN f hcf fl' [[Z XWfl[K
5i r 7xfi»fl[µ h"f l al , , HN9OK

i AT

UD[c[vZ V I h r - x»Xrm XfiWZ ' fixZ»Y' ymb r J [Y[v"n®f[mWf[Z ' fixZ»Y' SOON r HfixZ»Y' W—WmXm flxxv

HfixZ»Y'	E xZ[m	G»"mv[
+W"[fi®	I I +* M	J [' mWY[q [v" XW"[fi®
	I n+* M	J [' mWY[q [v" mWc[9YW WYn®XW"[fi®
	I n+* M9L/ M	DWc[9YW WYn®XW"[fi® µ hf f xmZ[fi]xfi q x»v"hvc , HN
	I o+* M	J [' mWY[q [v" mWc[9YW WYn®XW"[fi® q xZ»rm
	I o+* M9L/ M	DWc[9YW WYn®XW"[fi® q xZ»rm µ hf , HN Yxvv[Y'hxv YWXrm
/ ²"[vZ[Z LJ * E YWflfl[""[	I gE, * 9bE+L5b ymb	/ ²"[vZ[Z LJ * E YWflfl[""[8YW WYn®r b E+
	I gE, * 9dE+L5b ymb	/ ²"[vZ[Z LJ * E YWflfl[""[8YW WYn®r d E+
	I gE, * 9gE+L5b ymb	/ ²"[vZ[Z LJ * E YWflfl[""[8YW WYn®r g E+
	I gE, * 9oE+L5b ymb	/ ²"[vZ[Z LJ * E YWflfl[""[8YW WYn®r o E+
L- q [q xfi®YWfZ	DbE/ E9d: +L- 5d	L- q [q xfi®YWfZ8YW WYn®r d: +
	DbE/ E9g: +L- 5d	L- ; , q [q xfi®YWfZ8YW WYn®r g: +
E [q xfi®YWfZ	I dE/ E9bE+L5e	LJ * E q [q xfi®YWfZ8YW WYn®r b E+
	I dE/ E9dE+L5e	LJ * E q [q xfi®YWfZ8YW WYn®r d E+
	I eE/ E9gE+L5g	LJ * E q [q xfi®YWfZ8YW WYn®r g E+
	I eE/ E9gE+L9L/ M5g	LJ * E q [q xfi®YWfZ µ hf Yx—[fi8YW WYn®r g E+
	I eE/ E9oE+L5g	LJ * E q [q xfi®YWfZ8YW WYn®r o E+
	I eE/ E9oE+L9L/ M5g	LJ * E q [q xfi®YWfZ µ hf Yx—[fi8YW WYn®r o E+
	I dE/ E9dE+75e	Dhv[Wi7mWf q [q xfi®YWfZ8YW WYn®r d E+
	I dE/ E9gE+75e	Dhv[Wi7mWf q [q xfi®YWfZ8YW WYn®r g E+
	I dE/ E9oE+* 5e	* Mf YWfZ8YW WYn®r o E+
	I dE/ E9bl E+* 5e	* Mf YWfZ8YW WYn®r bl E+
	I dE/ E9edE+* 5e	* Mf YWfZ8YW WYn®r ed E+
E [q xfi®YWfZ WZW "[fi	I dE/ E9* - H5e	* ZW "[fi]xfi I dE/ E q [q xfiy card's standard PCMCIA slot
LJ * E YWfZ XW"[fi®	I dE/ E9+* M5e	J [' mWY[q [v" XW"[fi®]xfi Q2MEM-1MBS and Q2MEM-2MBS
	I eE/ E9+* M5g	J [' mWY[q [v" XW"[fi® for Q3MEM-4MBS and Q3MEM-8MBL
, xvv[Y'hxv YWXrm	I , eaJ d	J L9ded YWXrm]xfi connecting PC and CPU, 3 m (betwe[v q hvl9- AFI H WvZ - fl»XpH4
, WXrm ZhlYxvv[Y'hxv ' f[—v"hxv f xmZ[fi	I I ; D- 9J d	; xmZ[fi]xfi' feventing RS-232 cable (Programmatwm , xv"fixmmfi, HN Yxvv[Y'hxv4ZhlYxvv[Y'hxv

5br 7xfi»fl[µ hf I vN- O, HNK
5dr 7xfi»fl[µ hf I vN- O, HN8I dg- ; , , HNKE hfl»Xhlf h/ mY'fhY flf Wmvx" c»Wantee the operation of any non-Mitsubishi ElmY'fhY' fixZ»Y'flK
5er 7xfi»fl[µ hf »vh—ffflWmq xZ[ml , HN 3[²YmZhvc I vN- O4µ hf q [q xfi®Yard interface, high performance model QCPU8' fixY[flfl , HN WvZ fi[Z»vZWv" , HNK
5gr 7xfi»fl[µ hf »vh—ffflWmq xZ[ml , HN 3[²YmZhvc I vN- O4µ hf q [q xfiy card interface.

Codienhaui.com

h

UD[c[vZ V **I h** r - x»Xfn XflWZ ' fixZ»Y" **ymb** r J [Y[v"®f[fnWfl[Z ' fixZ»Y" **SOON** r HfixZ»Y" W-WhWXfn flxxv

HfixZ»Y"	ExZ[m	G»"rhv[
E Wh XWfl[	I ee+	e flm"fl8b ' xµ [fifl»' ' ®q xZ»fn f[" »hi[Z8]xfil fl[fh fl q xZ»fnfl
	I ei +	i flm"fl8b ' xµ [fifl»' ' ®q xZ»fn f[" »hi[Z8]xfil fl[fh fl q xZ»fnfl
	I eo+	o flm"fl8b ' xµ [fifl»' ' ®q xZ»fn f[" »hi[Z8]xfil fl[fh fl q xZ»fnfl
	I ebd+	bd flm"fl8b ' xµ [fifl»' ' ®q xZ»fn f[" »hi[Z8]xfil fl[fh fl q xZ»fnfl
E »rih fn , HN f hcf fl' [[Z q Wh XWfl[	I ei - +	i flm"fl8' xµ [fifl»' ' ®q xZ»fn f[" »hi[Z8]xfil fl[fh fl q xZ»fnfl
	I eo- +	o flm"fl8b ' xµ [fifl»' ' ®q xZ»fn f[" »hi[Z8]xfil fl[fh fl q xZ»fnfl
	I ebd- +	bd flm"fl8b ' xµ [fifl»' ' ®q xZ»fn f[" »hi[Z8]xfil fl[fh fl q xZ»fnfl
Lrhq "® [q Wh XWfl[	I edL+	d flm"fl8b flrhq "® [' xµ [fifl»' ' ®q xZ»fn f[" »hi[Z8]xfil fl[fh fl q xZ»fnfl
	I eeL+	e flm"fl8b flrhq "® [' xµ [fifl»' ' ®q xZ»fn f[" »hi[Z8]xfil fl[fh fl q xZ»fnfl
	I ei L+	i flm"fl8b flrhq "® [' xµ [fifl»' ' ®q xZ»fn f[" »hi[Z8]xfil fl[fh fl q xZ»fnfl
J [Z»vZW" ' xµ [fiq Wh XWfl[	I eoJ +	o flm"fl8d f[Z»vZW" ' xµ [fifl»' ' ®q xZ»fnfl f[" »hi[Z8]xfil fl[fh fl q xZ»fnfl
/ ²"[vflhxv XWfl[	I I e+	e flm"fl8b ' xµ [fifl»' ' ®q xZ»fn f[" »hi[Z8]xfil fl[fh fl q xZules
	I I i +	i flm"fl8b ' xµ [fifl»' ' ®q xZ»fn f[" »hi[Z8]xfil fl[fh fl modules
	I I o+	o flm"fl8b ' xµ [fifl»' ' ®q xZ»fn f[" »hi[Z8]xfil fl[fhs modules
	I I bd+	bd flm"fl8b ' xµ [fifl»' ' ®q xZ»fn f[" »hi[Z8]xfil, series modules
	I i d+	d flm"fl8' xµ [fifl»' ' ®q xZ»fn vx" f[" »hi[Z8 for Q series modules
	I i i +	i flm"fl8' xµ [fifl»' ' ®q xZ»fn vx" f[" »hid, for Q series modules
J [Z»vZW" ' xµ [fi[²"[vflhxv XWfl[	I I oJ +	o flm"fl8d f[Z»vZW" ' xµ [fifl»' ' ®modules required, for Q series moZ»fnfl
J [Z»vZW" "® [[²"[vflhxv XWfl[	I I i QJ +5	i flm"fl8d f[Z»vZW" ' xµ [fisupply modules required, for Q seri fl q xZ»fnfl
/ ²"[vflhxv YWXfn	I , ai +	aKi q YWXfn]xfi Yxvvecting extension base unit
	I , al +	aK q YWXfn]xfi Yxnnecting extension base unit
	I , bd+	bKl q YWXfn]xf connecting extension base unit
	I , ea+	e q YWXfn for connecting extension base unit
	I , i a+	i q YWle for connecting extension base vh
	I , baa+	ba m cable for connecting extension bWfl[»vh
- AF fMWhq x»v"hc WZW "[fi	I I - AFb	DIN rail mounting adapter for Q38F8I ebd+8I I o+8I I bd+8I eoJ +8I I oJ +8I I i QJ +8I eo- +8WZ I ebd- +
	I I - AFd	DIN rail mounting adapter for Cei +8I I i +8WZ I aaNB, HN
	I I - AFe	DIN rail mounting adapter fxfil edL+8I eeL+8I ei L+8I ee+8I i d+8I i i +8WZ I I e+
	I I - AFb*	DIN rail mounting adapt fi3µ hf -HXfWhxv9 fixx vc XfWk[" fl["4]xfil eq +8I i q +8I I q +8I eoJ +8I I oJ +8WZ I I i QJ +
+rhWk Yx-fi	I : I a	Blank cover for I/O rim"

5br Gvr®Yxq ' WhXfn µ hf f[Z»vZW" , HN fl®fl"[α.

A

Hxµ [fifl»' ' ®®	I I bH	Av' »" -xrWc[r baa "x dga O* , 8x»" »" -xrWc[r i O- , 8x»" »" Y»ffi[v"r I *
	I I dH	Av' »" -xrWc[r baa "x dga O* , 8x»" »" -xrWc[r i Pdg O- , 8x»" »" Y»ffi[v"r ePaK *
	I I eH	Av' »" -xrWc[r dg O- , 8x»" »" -xrWc[r i O- , 8x»" »" Y»ffi[v"r I *
	I I gHF	Av' »" -xrWc[r baa "x dga O* , 8x»" »" -xrWc[r i O- , 8x»" »" Y»ffi[v"r oK *
Hxµ [fiL»' ' ®µ hf Dh[- ["[Y"hxv	I I bH9	Av' »" -xrWc[r baa "x dga O* , 8x»" »" -xrWc[r i O- , 8x»" »" Y»ffi[v"r I *
Lrhq "® [' xµ [fifl»' ' ®®	I I bLH	Av' »" -xrWc[r baa "x dga O* , 8x»" »" -xrWc[r i O- , 8x»" »" Y»ffi[v"r d *
J [Z»vZW" ' xµ [fifl»' ' ®®	I I eJ H	Av' »" -xrWc[r dg O- , 8x»" »" -xrWc[r i O- , 8x»" »" Y»ffi[v"r oK *
	I I gJ H	Av' »" -xrWc[r baa "x bdaPdaa "x dga O* , 8x»" »" -xrWc[r i O- , 8x»" »" Y»ffi[v"r oK *

rM

UD[c[vZ V **I h** r - x»Xrn XflWZ ' fixZ»Y' **y mb** r J [Y[v"®f[rnWl[Z ' fixZ»Y' **SOON** r HfixZ»Y' W-WilmXrn flxxv

HfixZ»Y'		E xZ[m	G»"rhv[
Av' »"	* ,	I Rba	bl ' xhv"fl8baa "x bda O* , 8fi[fl' xvfl["hq [r da q fl8bl ' xhv"flPYxq q xv8bo9 xhv" "[fiq hvWhXmYk
		I Rba9ML	bl ' xhv"fl8baa "x bda O* , 8fi[fl' xvfl["hq [r da q fl8bl ' xhv"flPYxq q xv8bo9 xhv" fl' fhvc YnWq ' "[fiq hvWhXmYk
		I Rdo	o ' xhv"fl8baa "x dga O* , 8fi[fl' xvfl["hq [r da q fl8o ' xhv"flPYxq q xv8bo9 xhv" "[fiq hvWhXmYk
	- , 3Hxflhh+ Yxq q xv45b	I Rga	bl ' xhv"fl8dg O- , 8fi[fl' xvfl["hq [r bP PbaPdaPha q fl8bl ' xhv"flPYxq q xv8' xflhh+ Yxq q xv8bo9 xhv" "[fiq hvWhXmYk
		I Rga9ML	bl ' xhv"fl8dg O- , 8fi[fl' xvfl["hq [r bP PbaPdaPha q fl8bl ' xhv"flPYxq q xv8' xflhh+ Yxq q xv8bo9 xhv" fl' fhvc YnWq ' "[fiq hvWhXmYk
		I Rga9Lb	bl ' xhv"fl8dg O- , 8fi[fl' xvfl["hq [r aKbPaKdPaKgPaKK Pb q fl8bl ' xhv"flPYxq q xv8' xflhh+ Yxq q xv8bo9 xhv" "[fiq hvWhXmYk
		I Rga;	bl ' xhv"fl8dg O- , 8fi[fl' xvfl["hq [r aPaKbPaKdPaKgPaKK Pb q fl8o ' xhv"flPYxq q xv8' xflhh+ Yxq q xv8bo9 xhv" "[fiq hvWhXmYk
		I Rgb5d 5e	ed ' xhv"fl8dg O- , 8fi[fl' xvfl["hq [r bP PbaPdaPha q fl8ed ' xhv"flPYxq q xv8' xflhh+ Yxq q xv8ga9 hv Yxvv[Y"xfi
		I Rgb9Lb5d	ed ' xhv"fl8dg O- , 8fi[fl' xvfl["hq [r aKbPaKdPaKgPaKK Pb q fl8ed ' xhv"flPYxq q xv8' xflhh+ Yxq q xv8ga9 hv Yxvv[Y"xfi
		I Rgb9Ld5d 5e	ed ' xhv"fl8dg O- , 8fi[fl' xvfl["hq [r bP PbaPdaPha q fl8ed ' xhv"flPYxq q xv8' xflhh+ Yxq q xv8ga9 hv Yxvv[Y"xfi
		I Rgd5d	I g ' xhv"fl8dg O- , 8fi[fl' xvfl["hq [r bP PbaPdaPha q fl8ed ' xhv"flPYxq q xv8' xflhh+ Yxq q xv8ga9 hv Yxvv[Y"xfi
		I Rgd9Lb5d	I g ' xhv"fl8dg O- , 8fi[fl' xvfl["hq [r aKbPaKdPaKgPaKK Pb q fl8ed ' xhnts/commo\8' xflhh+ Yxq q xv8ga9 hv Yxvv[Y"xfi
	* , P ,	I Ri a	bl ' xhv"fl8go O* , P , 8f[fl' xvfl["hq [r da q fl8bl ' xhv"flPYxommon, positive/negWh+ Yxq q xv8bo9 xhv" "[fiq hvWhXmYk
	- , fl[vflxfi	I Rna	bl ' xhv"fl8i Pbd O- , 8fi[fl' xvfl["hq [r bP PbaPdaPha q fl8bl ' xhnts/common, positive/negah+ Yxq q xv8bo9 xhv" "[fiq hvWhXmYk
		I Rna;	bl ' xhv"fl8i O- , 8f[fl' xvfl["hq [r aPaKbPaKdPaKgPaKK Pb q fl'8 points/common, positive comm xv8bo9 xhv" "[fiq hvWhXmYk
		I Rnb5d	ed ' xhv"fl8i Pbd O- , 8fi[fl' xvfl["hq [r bP PbaPdaPha q.5, 32 points/common, positive/negativ+ Yxq q xv8ga9 hv Yxvv[Y"xfi
		I Rnd5d	I g ' xhv"fl8i Pbd O- , 8fi[fl' xvfl["hq [r bP PbaPdaP0 ms, 32 points/common, positive/necWh+ Yxq q xv8ga9 hv Yxvv[Y"xfi
	- , 3F[cWh+ Yxq q xv45b	I Roa	bl ' xhv"fl8dg O- , 8fi[fl' xvfl["hq [r bP Pb0/20/70 ms, 16 points/common, necWh+ Yxq q xv8bo9 xhv" "[fiq hvWhXmYk
		I Roa9ML	16 points, 24 V DC, response time: 1/5/10/20/70 ms, 16 points/common, negative common, 18-point spring clamp terminal block
		I Roa;	16 points, 24 V DC, response time: 0/0.1/0.2/0.4/0.6/1 ms, 8 points/common, negative common, 18-point terminal block
		I Rob5e 5g	32 points, 24 V DC, response time: 1/5/10/20/70 ms, 32 points/common, negative common, 37-pin D-sub connector
		I Rob9Ld5e 5g	32 points, 24 V DC, response time: 1/5/10/20/70 ms, 32 points/common, negative common, 37-pin D-sub connector
		I Rod 5d	64 points, 24 V DC, response time: 1/5/10/20/70 ms, 32 points/common, negative common, 40-pin connector
		I Rod9Lb5d	64 points, 24 V DC, response time: 0.1/0.2/0.4/0.6/1 ms, 32 points/common, negative common, 40-pin connector
		I Rpa;	16 points, 5 V DC, response time: 0/0.1/0.2/0.4/0.6/1 ms, 8 points/common, negative common, 18-point terminal block
G»"' »"	J [rnW®	I Sba	bl ' xhv"fl8d4 V DC/240 V AC, 2 A/point, 8 A/comq xv8f[fl' xvfl["hq [r bd q fl8bl ' xhv"flPYxq q xv8bo9 xhv" "[fiq hvWhXmYk
		I Sba9ML	bl ' xhv"fl', 24 V DC/240 V AC, 2 A/point, 8 A/comq xv8 f[fl' xvfl["hq [r bd q fl8bl ' xhv"flPYxq q xv8bo9 xhv" fl' fhvc YnWq ' "[fiq hvWhXmYk
		I Sbo*	o ' xInts, 24 V DC/240 V AC, 2 A/point, res' xvfl["hq [r bd q fl8bo9 xhv" "[fiq hvWhXmYk8Whn xhv"fl hvZ[' [vZ[v"
	MfhWY	I Sdd	h6 points, 100 to 240 V AC, 0.6 A/poin"8gKb * PYxq q xv8f[fl' xvfl["hq [r b q fl 6 aK Y®Yrn8bl ' xhv"flPYxq q xv8 18-point terminal block, with surge n»' ' fi[flflhxv
	MfiWvflhl"xfi 3Lhvk4	I SgaH	16 points, 12 to 24 V DC, 0.1 A/' xhv"8bK * PYxq q xv8f[fl' xvfl["hq [r b q fl8bl ' xhv"flPYxq q xv8flhvk "® [8 18-point terminal block, overlxWZ ' fix"[Y"hxv]»vY"hxv8x+ff [W' fix"[Y"hxv]»vY"hxv8fl»fic[fl»' ' fi[flflhxv
		I SgaH9ML	16 points, 12 to 24 V DC3aKb * P xhv"8bK * PYxq q xv8f[fl' xvfl["hq [r b q fl8bl ' xhv"flPYxq q xv8flhvk "® [8 18-point spring clamp '[fiq hvWhXmYk8x+fixWZ ' fix"[Y"hxv]»vY"hxv8x+ff [W' fix"[Y"hxv]»vY"hxv8fl»fic[fl»' ' fi[flflhxv
		I Sgb;	32 points, 5 to 24 Ʋ- , aKd * P xhv"8d * PYxq q xv8f[fl' xvfl["hq [r d »fl8ed ' xhv"flPYxq q xv8flhvk "® [8 40-pin connectorμ hf fl»fic[fl»' ' fi[flflhxv
		I SgbH5e	32 points, 13 "x dg O- , 8aKb * P xhv"8d * PYxq q xv8f[fl' xvfl["hq [r b q fl8ed ' xhv"flPYxq q xv8flhvk "® [8 40-pin covv[Y"xfBx+fixWZ ' fix"[Y"hxv]»vY"hxv8x+ff [W' fix"[Y"hxv]»vY"hxv8fl»fic[fl»' ' fi[flflhxvWZ fl»fic[fl»' ' fi[flflhxv
		I SgdH5d	64 poinv"fl8bd "x dg O- , 8aKb * P xhv"8d * PYxq q xv8f[fl' xvfl["hq [r b q fl8ed ' xhv"flPYxq q xv8flhvk "® [8 40ə hv Yxvv[Y"xfBx+fixWZ ' fix"[Y"hxv]»vY"hxv8x+ff [W' fix"[Y"hxv]»vY"hxv8fl»fic[fl»' ' fi[flflhxv
		I Si a	bl ' xhv"fl8bd "x dg O- , 8aK * P xhv"8g * PYxq q xv8f[fl' xvfl["hq [r b q fl8bl ' xhv"flPYxq q xv8flhvk "® [8 bo9 xhv" "[fiq hvWhXmYk8μ hf fl»fic[fl»' ' fi[flflhxv WZ]»fl[
	MfiWvflhl"xfi 3AvZ[' [vZ[v"4	I Sl o*	o ' xhv"fl8i "x dg O- , 8d * P xhv"8o * Pq xZ»rn8f[fl' xvfl["hq [r ba q fl8flhvkPlx»fiY["® [8 bo9 xhv" "[fiq hvWhXmYk8μ hf fl»fic[fl»' ' fi[flflhxv8Whn xhv"fl hvZ[' [vZ[v"
	MMD, EGL	I Sna	bl ' xhv"fl8i "x bd O- , 8bl q * P xhv"8di I q * PYxq q xv8f[fl' xvfl["hq [r aK q fl8bl ' xhv"flPYxq q xv8flhvk "® [8 bo9 xhv" "[fiq hvWhXmYk8μ hf]»fl[
		I Snb5d	ed ' xhv"fl8i "x bd O- , 8bl q * P xhv"8i bd q * PYxq q xv8f[fl' xvfl["hq [r aK q fl8ed ' xhv"flPYxq q xv8flhvk "® [8 ga9 hv Yxvv[Y"xfBμ hf]»fl[
	MfiWvflhl"xfi 3Lx»fiY[4	I Soa	bl ' xhv"fl8bd "x dg O- , 8aK * P xhv"8g * PYxq q xv8f[fl' xvfl["hq [r b q fl8bl ' xhv"flPYxq q xv8flx»fiY["® [8 bo9 xhv" "[fiq hvWhXmYk8μ hf fl»fic[fl»' ' fi[flflhxv WZ]»fl[
		I Soa9ML	bl ' xhv"fl8bd "x dg O- , 8aK * P xhv"8g * PYxq q xv8f[fl' xvfl["hq [r b q fl8bl ' xhv"flPYxq q xv8flx»fiY["® [8 bo9 xhv" fl' fhvc YnWq ' "[fiq hvWhXmYk8μ hf fl»fic[fl»' ' fi[flflhxv WZ]»fl[
		I SobH5g	ed ' xhv"fl8bd "x dg O- , 8aKb * P xhv"8d * PYxq q xv8f[fl' xvfl["hq [r b q fl8ed ' xhv"flPYxq q xv8flx»fiY["® [8 en9 hv - 9fl»X Yxvv[Y"xfBx+fixWZ ' fix"[Y"hxv]»vY"hxv8x+ff [W' fix"[Y"hxv]»vY"hxv8fl»fic[fl»' ' fi[flflhxv
		I SodH5d	I g ' xhv"fl8bd "x dg O- , 8aKb * P xhv"8d * PYxq q xv8f[fl' xvfl["hq [r b q fl8ed ' xhv"flPYxq q xv8flx»fiY["® [8 ga9 hv Yxvv[Y"xfBx+fixWZ ' fix"[Y"hxv]»vY"hxv8x+ff [W' fix"[Y"hxv]»vY"hxv8fl»fic[fl»' ' fi[flflhxv
APG	- , hv' »"P "fiWvflhl"xfi x»"' »"	I ; gdH5d 5	Av' »"r ed ' xhv"fl8dg O- , 8f[fl' xvfl["hq [r bP PbaPdaPha q fl8ed ' xhv"flPYxq q xv8' xflhh+ Yxq q xv8 x»"' »"r ed ' xhv"fl8bd "x dg O- , 8aKb * P xhv"8d * PYxq q xv8f[fl' xvfl["hq [r b q fl8ed ' xhv"flPYxq q xv8flhvk "® [8 ga9 hv Yxvv[Y"xfBx+fixWZ ' fix"[Y"hxv]»vY"hxv8x+ff [W' fix"[Y"hxv]»vY"hxv8fl»fic[fl»' ' fi[flflhxv
		I RgoSi n	Av' »"r o ' xhv"fl8dg O- , 8fi[fl' xvfl["hq [r bP PbaPdaPha q fl8o ' xhv"flPYxq q xv8' xflhh+ Yxq q xv8 x»"' »"r n ' xhv"fl8bd "x dg O- , 8aK * P xhv"8d * PYxq q xv8fi[fl' xvfl["hq [r b q fl8n ' xhv"flPYxq q xv8flhvk "® [8 bo9 xhv" "[fiq hvWhXmYk8μ hf fl»fic[fl»' ' fi[flflhxv WZ]»fl[
		I RgbSgbH5d 5	Av' »"r ed ' xhv"fl8dg O- , 8f[fl' xvfl["hq [r bP PbaPdaPha q fl8ed ' xhv"flPYxq q xv8' xflhh+ Yxq q xv8 x»"' »"r ed ' xhv"fl8bd "x dg O- , 8aKb * P xhv"8d * PYxq q xv8f[fl' xvfl["hq [r b q fl8ed ' xhv"flPYxq q xv8flhvk "® [8 ga9 hv Yxvv[Y"xfBx+fixWZ ' fix"[Y"hxv]»vY"hxv8x+ff [W' fix"[Y"hxv]»vY"hxv8fl»fic[fl»' ' fi[flflhxv
Av"[ffi»' " q xZ»rn		I Aa	bl ' xhv"8dg O- , 8f[fl' xvfl["hq [r aKbPaKdPaKgPaKK Pb q fl8bl ' xhv"flPYxq q xv8bo9 xhv" "[fiq hvWhXmYk

5br)Hxflhh+ Yxq q xv) hvZhYW[fl "f W' "f [' xflhh+ rnWZ x] W- , ' xμ [fifl»' ' n®q »fl" X[Yxvv[Y'[Z "x "f [Yxq q xv "[fiq hvWhK
* YYxfiZhvcn®)F[cWh+ Yxq q xv) hvZhYW[fl "f W' "f [v[cWh+ rnWZ q »fl" X[Yxvv[Y'[Z "x "f [Yxq q xv "[fiq hvWhK
5dr , xvv[Y"xfihl vx"' fix+Z[ZKL[' WM[n®xfiZ[fixv[x] "f [ ]xmmμ hvcr* I , GFbP I , GFdP I , GFeP I , GFgK
5er Mf [fiW[Z hv' »" Y»ff[v"fl W[Zh]][f[v"KU Rgbr W' fix²Kg q * 8I Rgb9Ldr W' fix²KI q * 8I Robr W' fix²Kg q * 8I Rob9Ldr W' fix²KI q * V
5gr , xvv[Y"xfihl vx"' fix+Z[ZKL[' WM[n®xfiZ[fixv[x] "f [ ]xmmμ hvcr* I , GFb/ P I , GFd/ P I , GFe/ K
5i r Mf [v»q X[fix] xYY»' hZ hv' »"Rx»"' »"' xhv"fl hl Zh][f[v"KU ; gdHr ed ' xhv"flsI RgbSgbHr I g ' xhv"fl 3hifl" ed ' xhv"flr hv' »" Pfl[YxvZ ed ' xhv"flr x»"' »"4V

rYl

UD[c[vZ V **l h** r - x»Xrn XflWZ ' fixZ»Y' **y mb** r J [Y[v"®f[rnWfl[Z ' fixZ»Y' **SOON** r HfixZ»Y' W-WhWXrn flxxv

HfixZ»Y'		ExZ[m	G»"rhv[
, xvv[Y'xfi		* l , GFb	ed9 xhv" Yxvv[Y'xfi flxmZ[fihvc "® [3ga9 hv Yxvv[Y'xfi4
		* l , GFd	ed9 xhv" Yxvv[Y'xfi Yfihq ' 9Yxv"WY" "® [3ga9 hv Yxvv[Y'xfi4
		* l , GFe	ed9 xhv" Yxvv[Y'xfi ' f[flfl»fl[9Zhil' mWY[q [v" 3]mW YWXrn4"® [3ga9 hv Yxvv[Y'xfi4
		* l , GFg	ed9 xhv" Yxvv[Y'xfi flxmZ[fihvc "® [3ga9 hv Yxvv[Y'xfBYWXrn Yxvv[Y'WXrn hv XlZhfl[Y'hxv4
		* l , GFb/	ed9 xhv" Yxvv[Y'xfi flxmZ[fihvc "® [3en9 hv - 9fl»X Yxvv[Y'xfi4
		* l , GFd/	ed9 xhv" Yxvv[Y'xfi Yfihq ' 9Yxv"WY" "® [3en9 hv - 9fl»X Yxvv[Y'xfi4
		* l , GFe/	ed9 xhv" Yxvv[Y'xfi ' f[flfl»fl[9Zhil' mWY[q [v" 3]mW YWXrn4"® [3en9 hv - 9fl»X Yxvv[Y'xfi4
L' fihvc YmWq ' "[fiq hv WnXmYk		l l M' 9boL F	7xfi bl 9 xhv" ARG q xZ»rnfl 8aKe "x bK q q 3dd "x bl * Q : 4
		l l M' 9boL 5'	7xfi bl 9 xhv" ARG q xZ»rnfl 8aKe "x bK q q d 3dd "x bl * Q : 4
Ml fiq hv WnXmYk WZW "[fi		l l M' ed	7xfi ed9 xhv" ARG q xZ»rnfl 8aK q q d 3da * Q : 4
		l l M' ed9MGD	l l M' ed Z[ZhYW[Z "xxm
, xvv[Y'xfiP[fiq hv WnXmYk Yxv-+fiflhxv q xZ»rn		* l M+RSel	7xfi ' xflh"h-+ Yxq q xv hv' »" q xZ»rnfl WZ flhvk x»"' »" q xZ»rnfl 3fl"WZWfZ "® [4
		* l M+RSi g	7xfi ' xflh"h-+ Yxq q xv hv' »" q xZ»rnfl WZ flhvk x»"' »" q xZ»rnfl (2-wire type)
		* l M+Rna	7xfi ' xflh"h-+ Yxq q xv hv' »" q xZ»rnfl 3e9µ hfl["® [4
		* l M+Rel 9'	7xfi v[cWh-+ Yxq q xv hv' »" q xZ»rnfl 3fl"WZWfZ "® [4
		* l M+Ri g9'	7xfi v[cWh-+ Yxq q xv hv' »" q xZ»rnfl 3d9µ hfl["® [4
		* l M+Rna9'	7xfi v[cWh-+ Yxq q xv hv' »" q xZ»rnfl 3e9µ hfl["ype)
		* l M+Sel 9'	7xfi flx»fiY[x»"' »" q xZ»rnfl 3fl"WZWfZ "® [4
		* l M+Si g9'	7xfi flx»fiY[x»"' »" q xZ»rnfl 3d9µ hfl["® [4)
	, WXrn	* , ai M+	7xfi * l M+RSel 8* l M+RSi g8WZ * 6TBX70 (positive common/sink type) aK q
		* , baM+	7xfi * l M+RSel 8* l M+RSi g8Wd A6TBX70 (positive common/sink ty [4b q
		* , daM+	7xfi * l M+RSel 8* l M+RSi q, and A6TBX70 (positive common/sink "® [4d q
		* , eaM+	7xfi * l M+RSel 8* l M+RY54, and A6TBX70 (positive common flhvk "® [4e q
		* , i aM+	7xfi * l M+RSel 8* l YBXY54, and A6TBX70 (positive comq xv flhvk "® [4i q
		* , oaM+	7xfi * l M+RSel A6TBXY54, and A6TBX70 (positive xq q xv flhvk "® [4o q 5, xq q xv Y»fifl[v" aK * xfimµ [fi
		* , baaM+	7xfi * l M+R36, A6TBXY54, and A6TBX70 (positi-+ Yxq q xv flhvk "® [4ba q 5, xq q xv Y»fifl[v" aK * xfimµ [fi
		* , ai M+9'	7xfi * l MBX36-E, A6TBY36-E, A6TBX54-E, A M+Si g9' 8WZ * l M+Rna9' 3v[cWh-+ Yxq q xv flx»fiY["® [4aK q
		* , baM+9'	7xfi A6TBX36-E, A6TBY36-E, A6TBX54-F8* l M+Si g9' 8WZ * l M+Rna9' 3v[cWh-+ Yxq q xv flx»fiY["® [4b q
		* , daM+9'	For A6TBX36-E, A6TBY36-E, A6TBX g9' 8* l M+Si g9' 8WZ * l M+Rna9' 3v[cWh-+ Yxq q xv flx»fiY["® [4d q
		* , eaM+9'	For A6TBX36-E, A6TBY36-E, A6T M+Ri g9' 8* l M+Si g9' 8WZ * l M+Rna9' 3v[cWh-+ Yxq q xv flx»fiY["® [4e q
		* , i aM+9'	For A6TBX36-E, A6TBY36-E * l M+Ri g9' 8* l M+Si g9' 8WZ * l M+Rna9' 3v[cWh-+ Yxq q xv flx»fiY["® [4i q
J [rnW®"[fiq hv Wnq xZ»rn		* l M' d9bl LJ R	For 40-pin connector 24 V- , "fiWflhfl"xfi x»"' »" q xZ»rnfl 3flhvk "® [4
	, WXrn	* , al M'	For A6TE2-16SRN, 0.(q
		* , baNE	For A6TE2-16SRN 8b q
		* , 30TE	For A6TE2-16LJ F8e q
		* , 50TE	For A6TE29bl LJ F8i q
		* , 100TE	For A6M' d9bl LJ F8ba q

5br Q f [v v[µ r®hv"fixZ»Yhvc "f ["[fiq hv WnXmYk use Q6TE-18SN.

HfixZ»Y'		E xZ[m	G»"rhv[
* vWhc hv' »"	OxrWc[hv' »"	I I o* - O	o Yf Wv[mfl8hv' »"r 9ba "x ba O - , 8x»"' »" 3fi[flxm"hxv4r a "x gaaa89gaaa "x gaaa8a "x bdaaa89bdaaa "x bdaaa8 a "x bl aaa89bl aaa "x bl aaa8Yxv-┼ffllxv fl' [[Zr oa flPYf Wv[m8 bo9 xhv" "[fiq hvWhXmYk
	, »ffi[v" hv' »"	I I d* - 9 : ;	d Yf Wv[mflshv' »"8g "x da q * - , 8x»"' »" 3fi[flxm"hxv4r a "x edaaa8a "x l gaaa8Yxv-┼ffllxv fl' [[Zr ba q flPd Yf Wv[mfl8 bo9 xhv" "[fiq hvWhXmYk8Yf Wv[mflflxmW[Z8fl»' ' mh fl ' xµ [fi"x d9µ hfi["flWflq h"[fi
		I I I * - 9 : 5	I Yf Wv[mfl8hv' »"r g "x da q * - , 3µ f [v d9µ hfi["flWflq h"[fi hfl Yxvv[Y'[Z48a "x da q * - , 8 x»"' »" 3fi[flxm"hxv4r a "x gaaa8a "x bdaaa8Yxv-┼ffllxv fl' [[Zr ba q flPYf Wv[m8 ga9 hv Yxvv[Y'xfl8Yf Wv[mflflxmW[Z8fl»' ' mh fl ' xµ [fi"x d9µ hfi["flWflq h"[fi
		I I o* - A	o Yf Wv[mfl8hv' »"r a "x da q * - , 8x»"' »" 3fi[flxm"hxv4r a "x gaaa89gaaa "x gaaa8a "x bdaaa89bdaaa "x bdaaa8 a "x bl aaa89bl aaa "x bl aaa8Yxv-┼ffllxv fl' [[Zr oa flPYf Wv[m8 bo9 xhv" "[fiq hvWhXmYk
	OxrWc[PY»ffi[v" hv' »"	I I g* -	g Yf Wv[mflshv' »" 9ba "x ba O - , 8a "x da q * - , 8x»"' »" 3fi[flxm"hxv4r a "x gaaa89gaaa "x gaaa8a "x bdaaa8 9bdaaa "x bdaaa8a "x bl aaa89bl aaa "x bl aaa8Yxv-┼ffllxv fl' [[Zr oa flPYf Wv[m8 bo9 xhv" "[fiq hvWhXmYk
		I I g* - ;	g Yf Wv[mflshv' »" 9ba "x ba O - , 8a "x da q * - , 8x»"' »" 3fi[flxm"hxv4r a "x daaaa89daaaa "x daaaa89 aaa "x ddi aa8 Yxv-┼ffllxv fl' [[Zr da flPYf Wv[m8 bo9 xhv" "[fiq hvWhXmYk
		I I g* - 9 ;	g Yf Wv[mfl8hv' »"r 9ba "x ba O - , 8a "x da q * - , 8x»"' »" 3fi[flolution): 0 to 32000, -32000 "x edaaa8a "x l gaaa89 gaaa "x l gaaa8Yxv-┼ffllxv fl' [[Zr ba q flPg Yf Wv[mfl8 bo9 xhv" "[fiq hvWhXmYk8Yf Wv[mflflxmW[Z
		I I o* - 9 5	o Yf Wv[mfl8hv' »"r 9ba "x ba O - , 8a "x da q * - , 8xutput (resolution): 0 to 4000, -4000 to gaaa8a "x bdaaa8 9bdaaa "x bdaaa8a "x bl aaa89bl aaa "x bl aaa8Yxnversion speed: 10 ms/channel, ga9 hv Yxvv[Y'xfl8Yf Wv[mflflxmW[Z
* vWhc x»"' »"	OxrWc[x»"' »"	I I o- * OF	o Yf Wv[mfl8hv' »" 3fi[flxm"hxv4r a "x gaaa89000 to 4000, 0 to 12000, -12000 to 12aaa89bl aaa "x bl aaa8 x»"' »"r 9ba "x ba O - , 8 Yxv-┼ffllxv fl' [Ld: 80 µs/channel, bo9 xhv" "[fiq hvWhXmYk
	, »ffi[v" x»"' »"	I I o- * AF	o Yf Wv[mfl8hv' »" 3fi[flxm"hxv4r a "x 4000, -4000 to 4000, 0 to 12000, -12aaa "x bdaaasx»"' »"r a "x da q * - , 8 Yxv-┼ffllxv fl' [[Zr oa flPYf Wvel, bo9 xhv" "[fiq hvWhXmYk
	OxrWc[PY»ffi[v" x»"' »"	I I g- * ; ymb	g Yf Wv[mfl8hv' »" 3fi[flxmion): 0 to 20000, -20000 to 20000 x»"' »"r 9ba "x baO - , 0 to 20 mA DC, conversion speed: 2a flPYf Wv[m8 bo9 xhv" "[fiq hvWhXrock
		I I d- * F	d Yf Wv[mfl8hv' ut (resolution): 0 to 4000, -4000 to 400a8a "x bdaaa89bdaaa "x bdaaa89bl aaa "x bl aaa8 x»"' »"r 9ba "x 10 V DC, 0 to 20 mA DC, conversiov fl' [[Zr oa flPYf Wv[m8 bo9 xhv" "Lrminal block
		I I d- * 97:	d Yf Wvnels, input (resolution): 0 to 12000, -1daaa "x bdaaa89bl aaa "x bl aaa8 x»"put: -12 to 12 V DC, 0 to 22 mA DC, cxv-┼ffllxv fl' [[Zr ba q flPd Yf Wv[mfl8 b8-point terminal block
		I I g- * F	4 channels, input (resolution): 0 to gaaa89gaaa "x gaaa8a "x bdaaa89bdaaa "x bdaaa89bl aaa "x bl aaa8 output: -10 to 10 V DC, 0 to 20 q * - , 8Yxv-┼ffllxv fl' [[Zr oa flPYf Wv[m8 18-point terminal block
		I I I - * 9 5	6 channels, input (resolutixv4r a "x gaaa89gaaa "x gaaa8a "x bdaaa89bdaaa "x bdaaa89bl aaa "x bl aaa8 output: -12 to 12 V DC a "x dd q * - , 8 Yxv-┼ffllxv fl' [[Zr l q flPYf Wv[m8 40-pin connector, chWv[mflflxmW[Z
* vWhc hv' »"P x»"' »"	OxrWc[WZ Y»ffi[v" hv' »"P x»"' »"	I I g* - dDA	input: 4 channelm8hv' »"r 9ba "x ba O - , 8a "x da q * - , » output (resom"hxv4r a "x gaaa89gaaa "x gaaa8a "x bdaaa89bdaaa "x bdaaa8a "x bl aaa89bl aaa "x bl aaa » conversicv fl' [[Zr i aa flPYf Wv[m output: 2 Yf Wv[mfl Av' »" 3fi[flxm"hxv4r a "x gaaa89gaaa "x gaaa8a "x bdaaa89bl aaa "x bl aaa » outr»"r 9ba "x ba O - , 8a "x da q * - , » cxv-┼ffllxv fl' [[Zr i aa flPYf Wv[m bo9 xhv" "[fiq hvWhXmYk
DxWZ Y[mhv' »"		I I bD-	b Yf Wv[m8hv' »" 3mWZ Y[mx»"' »"4r ak "x eK q OPO8x»"' »" 3fi[flxm"hxv4r a "x baaaa8Yxv-┼ffllxv fl' [[Zr ba q fl8 bo9 xhv" "[fiq hvWhXmYk
, Mhv' »" q xZ»rh		I I o, M	o Yf Wv[mfl8hv' »"r , Ma "x i * * , 8a "x i a* * , 8a "x baa* * , 8a "x daa* * , 8a "x gaa* * , 8a "x l aa* * , 8 x»"' »"r a "x bdaaa8 bo9 xhv" "[fiq hvWhXmYk

5br * Yxvv[Y'xfihfl vx" ' fix-HZ[ZKMf [* I , GFg Yxvv[Y'xfiq »fl" X[xfiZ[fl[Z fl[' WWl[mK

g rM

UD[c[vZ V **I h** r - x»Xŋ XfiWZ ' fixZ»Y' **ymb** r J [Y[v"®f[ŋW[Z ' fixZ»Y' SOON r HfixZ»Y' W-WXŋ flxxv

HfixZ»Y'		ExZ[m	G»"hv[
M̧ q ' [fiW»f[hv' »"	J M-	I I gJ -	g Yf Wv[ml8' mWhv»q J M- 3H"baa8BH"baa4BZhlYxvv[Y'hxv Z["[Y'hxv]»vY'hxv8 Yxv–├fillxv fl' [[Zr ga q flPf Wv[mbo9 xhv" "[fiq hvWnXmYk
		I I gJ - 9	g Yf Wv[ml8' mWhv»q J M- 3H"baa8BH"baa4BvhYk[mJ M- 3F hbaa4BZhlYxvv[Y'hxv Z["[Y'hxv]»vY'hxv8 Yxv–├fillxv fl' [[Zr ga q flPf Wv[mBZhlYxvv[Y'hxv Z["[Y'hxv]»vY'hxv8hlxWhxv X["µ[[v Yf Wv[ml8bo9 xhv" "[fiq hvWnXmYk
		I I oJ - e9 5ᵇ	o Yf Wv[ml8' mWhv»q J M- 3H"baa8BH"baa4BvhYk[mJ M- 3F hbaa4BZhlYxvv[Y'hxv Z["[Y'hxv]»vY'hxv8 Yxv–├fillxv fl' [[Zr eda q flPo Yf Wv[ml8hlxWhxv X["µ[[v Yf Wv[ml8ga9 hv Yxvv[Y'xfi
	M̈ [fiq xYx»' ŋ	I I gM-	g Yf Wv[ml8"f [fiq xYx»' ŋ 3+8J 8L 8C8/ 8B8M8F 4BZhlYxvv[Y'hxv Z["[Y'hxv]»vY'hxv8 Yxv–├fillxv fl' [[Zr ga q flPf Wv[mhlxWhxv X["µ[[v Yf Wv[ml8bo9 xhv" "[fiq hvWnXmYk
		I I gM- O9 ;	g Yf Wv[ml8"f [fiq xYx»' ŋ 3+8J 8L 8C8/ 8B8M8F 4BZhlYxvv[Y'hxv Z["[Y'hxv]»vY'hxv8 Yxv–├fillxv fl' [[Zr flWq ' mvc Y®Yŋ e8flWq ' mvc Y®Yŋr da q flPf Wv[mhlxWhxv X["µ[[v Yf Wv[ml8bo9 xhv" "[fiq hvWnXmYk
		I I oM- 9 9 ab5ᵇ5ᵈ	o Yf Wv[ml8"f [fiq xYx»' ŋ 3+8J 8L 8C8/ 8B8M8F 4BZhlYxvv[Y'hxv Z["[Y'hxv]»vY'hxv8 Yxv–├fillxv fl' [[Zr eda q flPo Yf Wv[ml8hlxWhxv X["µ[[v Yf Wv[ml8ga9 hv Yxvv[Y'xfi
		I I oM- 9 9 ad5ᵇ	o Yf Wv[ml8"f [fiq xYx»' ŋ 3+8J 8L 8C8/ 8B8M8F 4BZhlYxvv[Y'hxv Z["[Y'hxv]»vY'hxv8 Yxv–├fillxv fl' [[Zr I ga q flPo Yf Wv[ml8hlxWhxv X["µ[[v Yf Wv[ml8ga9 hv Yxvv[Y'xfi
M̧ q ' [fiW»f[Yxv"fixm	J M-	I I gM, J MF5ᵉ	g Yf Wv[ml8' mWhv»q J M- 3H"baa8BH"baa4Bf [Whvc Yxv"fixmPYxxing control/heWhvc9Yxxmvc Yxv"fixm8 flWq ' mvc Y®Yŋr i aa q flPg Yf Wv[ml8hlxWhxv X["µ[[v Yf Wnels, 18-point termirWnXmYk
		I I gM, J M	g Yf Wv[ml8' mWhv»q J M- 3H"baa8BH"baa4Bf [Whvc Yxv"trol/cooling control, flWq ' mvc Y®Yŋr i aa q flPg Yf Wv[ml8hlxWhxv X["µ[[v channels, 18-point terminal blnYk
		I I gM, J M+Q F5ᵉ	g Yf Wv[ml8' mWhv»q J M- 3H"baa8BH"baa4Bf [Whvg control/cooling control/heating-cxmvc Yxv"fixm8f [W[fiZhlYxvv[Y'hxv Z["[Y'hxv]»vY'hxv8flWq ' mvc Y®Yŋr i aa q flPg Yhannels, isolation between channels, µx bo9 xhv" "[fiq hvWnXmYkfl
		I I gM, J M+Q	g Yf Wv[ml8' mWhv»q J M- 3H"baa8BH"baa4Pheating control/cooling control, heaterZhlYxvv[Y'hxv Z["[Y'hxv]»vY'hxv8 flWq ' mvc Y®Yŋr i aa q flPg Yf Wv[ml8hlxMtion between channels, two 18-point fiq hvWnXmYkfl
	M̈ [fiq xYx»' ŋ	I I gM, MMF	g Yf Wv[ml8"f [fiq xYx»' ŋ 3C8B8M8+S, E, R, N, U, L, PL II , W5Re/W26R 4Bf [Whvc Yxv"fixmPYxxmvc Yxv"fixmP[Whvc9Yxxmvc Yxv"fixm8flWq ' mvc Y®Yŋr i aa q flPg channels, isolation between channelsbo9 xhv" "[fiq hvWnXmYk
		I I gM, MM	g Yf Wv[ml8"f [fiq xYx»' ŋ 3C8J, T, B, S, E, R, N, U, L, PL II , W5Re/Q dl J [4Bf [Whvc Yxv"fixmPYxxmvc Yxv"fixm8 flWq ' mvc Y®Yŋr i aa q flPg Yhannels, isolation between channels, bo9 xhv" "[fiq hvWnXmYk
		I I gM, MM+Q F	g Yf Wv[ml8"f [fiq xYx»ple (K, J, T, B, S, E, R, N, U, L, PL II , Q i J [PQ dl J [4B f [Whvc Yxv"fixmPYxxmg control/heating-cooling control, heat[fiZhlYxvv[Y'hxv Z["[Y'hxv]»vY'hxv8 flWq ' mvc Y®Yŋr i a0 ms/4 channels, isolation between cWv[ml8"µx bo9 xhv" "[fiq hvWnXmYkfl
		I I gM, MM+Q	g Yf Wv[ml8"f ermocouple (K, J, T, B, S, E, R, N, U, L8HD II 8Q i J [PQ dl J [4B f [Whvc Yxvtrol/cooling control, heater disconnectixv Z["[Y'hxv]»vY'hxv8 flWq ' mvc cycle: 500 ms/4 channels, isolation b"µ[[v Yf Wv[ml8"µx bo9 xhv" "[fiq hvWnXmYkfl
Dxx' Yxv"fixm		I I d; D,	d Yf Wnels, input: thermocouple/micro voltwc[P-xmWc[PY»ffi[v"8Yxv–├fillxv fl' [[Z 3v' »"4r di q flPd Yf Wv[ml8 flWmpling cycle: 25 ms/2 channels; outpr g "x da q * - , 8Yxv–├fillxv fl' [[Z 3x»" »"4r di q flPd Yf Wv[ml8 18-point terminal block, with 5 PID cov"fixmq xZ[fl

5br * Yxvv[Y'xfihl vx" ' fix–HZ[ZKM̈ [* I , GF g Yxvv[Y'xfiq »fl" X[xfiTered separately.

5dr M̈ [v»q X[fix] q xZ»ŋfl "f W YW X[hvfl"WŋZ hl f[fl"fhY"[Z XWd on the combination of power supply and bWf[»vhK

5er Q f [v]h"hvc "f [fl' fhvc YWq ' "[fiq hvWnXmYk8»fl[I I M̈ 9bobN. The conventional model, Q6TE-18S, cavx" X[»fl[Z µ hf hK

Codie

UD[c[vZ V **l h** r - x»Xrn XfWZ ' fixZ»Y' **y mb** r J [Y[v"r®f[mWf[Z ' fixZ»Y' **SOON** r HfixZ»Y' W-WmXrn flxxv

HfixZ»Y'		ExZ[m	G»"rhv[
Lhq ' rh q x"hxv	Q h'f LL, F/ M III P, Yxvv[Y'h-H®	l - nnE Ld5ᵇ	d9Vf[fl8d9Vf hl mv[Wfi hv"[fl xrWhxv8d9Vf hl YhiY»rWfi hv"[fl xrWhxv8Yxv"fixm»vhr q q 8hvYf 8Z[cfi[[8' »rhl[8 vxKx] ' xflhhxvhvc ZWWf l aaPVf hl8ga9 hv Yxvv[Y'xfBµ hf LL, F/ M III P, Yxvv[Y'h-H®
		l - nnE Lg5ᵇ	g9Vf[fl8d9Pe9Pg9Vf hl mv[Wfi hv"[fl xrWhxv8d9Vf hl YhiY»rWfi hv"[fl xrWhxv8Yxv"fixm»vhr q q 8hvYf 8Z[cfi[[8' »rhl[8 vxKx] ' xflhhxvhvc ZWWf l aaPVf hl8ga9 hv Yxvv[Y'xfBµ hf LL, F/ M III P, Yxvv[Y'h-H®
		l - nnE Lbl 5ᵇ	bl 9Vf[fl8d9Pe9Pg9Vf hl mv[Wfi hv"[fl xrWhxv8d9Vf hl YhiY»rWfi hv"[fl xrWhxv8Yxv"fixm»vhr q q 8hvYf 8Z[cfi[[8' »rhl[8 vxKx] ' xflhhxvhvc ZWWf l aaPVf hl8ga9 hv Yxvv[Y'xfBµ hf LL, F/ M III P, Yxvv[Y'h-H®
	Q h'f , , 9Dhvk A 7hj rnZ F["µ xfk Yxvv[Y'h-H®	l - nn: 7bl **y mb**	bl 9Vf[fl8d9Pe9Pg9Vf hl mv[Wfi hv"[fl xrWhxv, d9Vf hl YhiY»rWfi hv"[fl xrWhxv8Yxv"fixm»vhr q q 8hvYf 8Z[cfi[[8' »rhl[8 vxKx] ' xflhhxvhvc ZWWf l aaPVf hl8dl 9 hv Yxvv[Y'xfBµ hf , , 9Dhvk A 7hj rnZ F["µ xfk Yxvv[Y'h-H®
Hxflhhxvhvc	G' [v YxrnjnY'xfi x»"' »"	l - ni HbF5ᵇ	b9Vf hl8Yxv"fixm»vhr q q 8hvYf 8Z[cfi[[8' »rhl[8vxKx] ' xflhhxvhvc ZWWf l aaPVf hl8q WKx»"' »"' »rhl[r daa k' ' fl8 ga9 hv Yxvv[Y'xfi
		l - ni Hb5ᵇ	b9Vf hl8Yxv"fixm»vhr q q 8hvYf 8Z[cfi[[8' »rhl[8vxKx] ' xflhhxvhvc ZWWf l aaPVf hl8q WKx»"' »"' »rhl[r daa k' ' fl8 ga9 hv Yxvv[Y'xfi
		l - ni HdF5ᵇ	d9Vf[fl8d9Vf hl mv[Wfi hv"[fl xrWhxv8d9Vf hl YhiY»rWfi hv"[fl xrWhxv8Yxv"fixr unit: mm, hvYf 8Z[cfi[[8' »rhl[8 vxKx] ' xflhhxvhvc ZWWf l aaPVf hl8q WKx»"' »"' »rhl[r daa k' ' fl8ga9 in connector
		l - ni Hd5ᵇ	d9Vf[fl8d9Vf hl mv[Wfi hv"[fl xrWhxv8d9Vf hl YhiY»rWfi hv"[fl xrWhxv8control unit: mm, inch, d cfi[[8' »rhl[8 vxKx] ' xflhhxvhvc ZWWf l aaPVf hl8q WKx»"' »"' »rhl[r daa k' s, 40-pin connector
		l - ni HgF5ᵇ	g9Vf[fl8d9Pe9Pg9Vf hl mv[Wfi hv"[fl xrWhxv8d9Vf hl YhiY»rWfi hv terpolation, control unit: mm, inch Z[cfi[[8' »rhl[8 vxKx] ' xflhhxvhvc ZWWf l aaPVf hl8q WKx»"' »"' »rhl[r d00 kpps, 40-pin connector
		l - ni Hg5ᵇ	g9Vf[fl8d9Pe9Pg9Vf hl mv[Wfi hv"[fl xrWhxv8d9Vf hl Yhiular interpolation, control unit: mm, in Yf 8Z[cfi[[8' »rhl[8 vxKx] ' xflhhxvhvc ZWWf l aaPVf hl8q WKx»"' »"' ulse: 200 kpps, 40-pin connector
		l - naHg5ᵇ	g9Vf[fl8Yxv"fixm»vhr ' »rhl[8vxKx] ' xflhhxvhvg data: 10/axis, max. output pulse: 200 k' ' fl8ga9 hv Yxvv[Y'xfi
		l - naHo5ᵇ	o9Vf[fl8Yxv"fixm»vhr ' »rhl[8vxKx] ' xflhhning data: 10/axis, max. output pulse daa k' ' fl8ga9 hv Yxvv[Y'xfi
	- h][f[v"hWm x»"' »"	l - ni - bF5ᵇ	b9Vf hl8Yxv"fixm»vhr q q 8hvYf 8Z[cfi e, pulse, no. of positioning data: 600/ Vf hl8q WKx»"' »"' »rhl[r g E' ' fl8 ga9 hv Yxvv[Y'xfi
		l - ni - b5ᵇ	b9Vf hl8Yxv"fixm»vhr q q 8hvYf degree, pulse, no. of positioning data l aaPVf hl8q WKx»"' »"' »rhl[r b E' ' fl8 ga9 hv Yxvv[Y'xfi
		l - ni - dF5ᵇ	d9Vf[fl8d9Vf hl mv[Wfi hv terpolation, 2-axis circular interpolatio v8Yxv"fixm»vhr q q 8hvYf 8Z[cfi[[8' »rhl[8 vxKx] ' xflhhxvhvc Z ta: 600/axis, max. output pulse: 4 Mp fl8ga9 hv Yxvv[Y'xfi
		l - ni - d5ᵇ	d9Vf[fl8d9Vf hl near interpolation, 2-axis circular interr xrWhxv8Yxv"fixm»vhr q q 8hvYf 8Z[cfi[[8' »rhl[8 vxKx] ' xflhhx ning data: 600/axis, max. output pulse r b E' ' fl8ga9 hv Yxvv[Y'xfi
		l - ni - gF5ᵇ	g9Vf[fl8d 3-/4-axis linear interpolation, 2-axis c hiY»rWfi hv"[fl xrWhxv8Yxv"fixm»vhr q q 8hvYf 8Z[cfi[[8' »rhl[8 vxKx] positioning data: 600/axis, max. outpu ' »rhl[r g E' ' fl8ga9 hv Yxvv[Y'xfi
		l - ni - g5ᵇ	g9 xes, 2-/3-/4-axis linear interpolation, 2 9Vf hl YhiY»rWfi hv"[fl xrWhxv8Yxv"fixm»vhr q q 8hvYf 8Z[cfi[[8' »rhl[8 no. of positioning data: 600/axis, max. x»"' »"' »rhl[r b E' ' fl8ga9 hv Yxvv[Y'xfi
		l - na- g5ᵇ	4-axes, control unit: pulse, no. of r xflhhxvhvc ZWWf baPVf hl8q WKx»"' »"' »rhl[r g E' ' fl8ga9 hv Yxvv[Y'xfi
		l - na- o5ᵇ	8-axes, control unit: pulse, no. x] ' xflhhxvhvc ZWWf baPVf hl8q WKx»"' »"' »rhl[r g E' ' fl8ga9 hv Yxvv[Y'xfi
	Q h'f LL, F/ M Yxvv[Y'h-H®	l - ni E b5ᵗ	1-axis, control unit: mm, in Yf 8Z[cfi[[8' »rhl[8vxKx] ' xflhhxvhvc ZWWf l aaPVf hl8ga9 hv Yxvv[Y'xfBµ hf LL, F/ MYxvv[Y'h-H®
		l - ni E d*²	2-axes, 2-axis linear in"[fl xrWhxv8d9Vf hl YhiY»rWfi hv"[fl xrWhxv8Yxv"fixm»vhr q q 8hvYf 8Z[cfi[[8' »rhl[8 no. of positioning d Vf l aaPVf hl8ga9 hv Yxvv[Y'xfBµ hf LL, F/ MYxvv[Y'h-H®
		l - ni E 4*²	4-axes, 2-/3-/4- Vf[mv[Wfi hv"[fl xrWhxv8d9Vf hl YhiY»rWfi hv"[fl xrWhxv8Yxv"fixm»vhr q q 8hvYf 8Z[cfi[[8' »rhl[8 no. of positio vhvc ZWWf l aaPVf hl8ga9 hv Yxvv[Y'xfBµ hf LL, F/ MYxvv[Y'h-H®
	Q h'f LL, F/ M III Yxvv[Y'h-H®	l - ni E; 'J*²	1-axis, c v"fixm»vhr q q 8hvYf 8Z[cfi[[8' »rhl[8 no. of r xflhhxvhvc ZWWf l aaPVf hl8ga9 hv Yxvv[Y'xfBµ hf LL, F/ M III Yxvv[Y'h-H®
		l - ni E; d5ᵗ	2- Vf[fl8d9Vf hl mv[Wfi hv"[fl xrWhxv8d9Vf hl YhiY»rWfi hv"[fl xrWhxv8Yxv"fixm»vhr q q 8hvYf 8Z[cfi[[8' »rhl[8 vxKx] ' xflhhxvhvc ZWWf l aaPVf hl8ga9 hv Yxvv[Y'xfBµ hf LL, F/ M III Yxvv[Y'h-H®
		l - ni E; g5ᵗ	g9Vf[fl8d9Pe9Pg9Vf hl mv[Wfi hv"[fl xrWhxv8d9Vf hl YhiY»rWfi hv"[fl xrWhxv8Yxv"fixm»vhr q q 8hvYf 8Z[cfi[[8' »rhl[8 vxKx] ' xflhhxvhvc ZWWf l aaPVf hl8ga9 hv Yxvv[Y'xfBµ hf LL, F/ M III Yxvv[Y'h-H®
		l - ngE; o	o9Vf[fl8Yxv"fixm»vhr ' »rhl[8vxKx] ' xflhhxvhvc ZWWf edPVf hl8µ hf LL, F/ M III Yxvv[Y'h-H®
		l - ngE; bl	bl 9Vf[fl8Yxv"fixm»vhr ' »rhl[8vxKx] ' xflhhxvhvc ZWWf edPVf hl8µ hf LL, F/ M III Yxvv[Y'h-H®
	G' [v YxrnjnY'xfi x»"' »" µ hf X»hr9hv Yx»v"[fi]»vY'hxv	l - ndHe, e5ᵇ	Hxflhhxvhvcr e9Vf[fl8Yxv"fixm»vhr ' »rhl[8vxKx] ' xflhhxvhvc ZWWf bPVf hl8q WKx»"' »"' »rhl[r baa k' ' fl8 Yx»v"[fr e Yf Wv[rhl8baa k' ' fl8Yx»v" hv' »" flhcvWhi Pdg O- , 8ga9 hv Yxvv[Y'xfi
; hcf 9L' [[Z, x»v"[fi		l - l d5ᵗ	d Yf Wv[rhl8daaPbaaPba k' ' fl8Yx»v" hv' »" flhcvWhi PbdPdg O- , 8[²"[fivWhhv' »"r i PbdPdg O- , 8 Yxhv YhZ[vY[x»"' »"r"hWflhl"xfi 3hvk4BbdPdg O- , 8aK * Pxhv"8d * PYxq q xv8ga9 hv Yxvv[Y'xfi
		l - l d/ 5ᵗ	d Yf Wv[rhl8daaPbaaPba k' ' fl8Yx»v" hv' »" flhcvWhi PbdPdg O- , 8[²"[fivWhhv' »"r i PbdPdg O- , 8 Yxhv YhZ[vY[x»"' »"r"hWflhl"xfi 3hx»fhY 4BbdPdg O- , 8ak * Pxhv"8ak * PYxq q xv8ga9 hv Yxvv[Y'xfi
		l - l d- 5ᵗ	d Yf Wv[rhl8i aaPdaaPbaaPba k' ' fl8Yx»v" hv' »" flhcvWh/ A fl"WZWZfl J L9gdd9' 3Zh][f[v"hWmhv[Zfh-[-fi4B [²"[fivWhhv' »"r i PbdPdg O- , sYxhv YhZ[vY[x»"' »"r"hWflhl"xfi 3hvk4BbdPdg O- , 8aK * Pxhv"8d * PYxq q xv8 ga9 hv Yxvv[Y'xfi
		l - l eHl 5ᵇ	l Yf Wv[rhl8daaPbaaPba k' ' fl8Yx»v" hv' »" flhcvWhi O- , 8ga9 hv Yxvv[Y'xfi
		l - l g- d5ᵇ	d Yf Wv[rhl8g E' ' fl8Yx»v" hv' »" flhcvWh/ A fl"WZWZfl J L9gdd9' 3Zh][f[v"hWmhv[Zfh-[-fi4B [²"[fivWhhv' »"r dg O- , 8YxhvYhZ[vY[x»"' »"r"hWflhl"xfi 3hvk4BbdPdg O- , 8aK * Pxhv"8d * PYxq q xv8 ga9 hv Yxvv[Y'xfi
		l - l i H- d5ᵇ	d , f Wv[rhl - h][f[v"hWmhv' »"r ga k' ' flPga k' ' flPdaa k' ' flPd E' ' flPg E' ' flPo E' ' fl , x»v" hv' »" flhcvWhjn-[-m/ A L"WZWZfl J L9gdd9' 8Zh][f[v"hWmhv[Zfh-[-fi rn-[-m - , A' »"r ba k' ' flPbaa k' ' flPdaa k' ' fl , x»v" hv' »" flhcvWhjn-[-mi PbdPdg O- , 8n "x baq * [²"[fivWhx»"' »"flr MfWflhl"xfi 3hvk "® [4x»"' »"8bdPdg O- , ak * Pxhv"8ak * PYxq q xv
, f Wv[rhlxrWZ ' »rhl[hv' »"		l - l aHo9	o Yf Wv[rhl8ea k' ' flPa k' ' flPb k' ' flPaa ' ' flP a ' ' flPba ' ' flPb ' ' flPak ' ' fl8Yx»v" hv' »" flhcvWhi Pbd "x dg O- ,

5br * Yxvv[Y'xfihl vx"' fix-HZ[ZKM[* l , GFbP l , GFdP l , GFg Yxvv[Y'xfiq »fl" X[xfiZ[f[Z fl[' WfW[rhK
5dr * Yxvv[Y'xfihl vx"' fix-HZ[ZKM[* l , GFbP l , GFdP l , GFeP l , GFg Yxvv[Y'xfiq »fl" X[xfiZ[f[Z fl[' WfW[rhK

m v v

UD[c[vZ V l h r - x»Xfn XfiWZ ' fixZ»Y' ymb r J [Y[v"®f[nWl[Z ' fixZ»Y' SOON r HfixZ»Y' W-Wn-Xfn flxxv

HfixZ»Y'		E xZ[m	G»"rhv[
/ v[fic®E [Wl»fhvc		I / obQ ; 5b	e9 f Wl[e9µ hi["® [8F »q X[fix] q [Wl»f[q [v" YhiY»h'flr b YhiY»h'8 E [Wl»f[Z h'[q flr ' xµ [fifiW[3Yxvfl»q ' "hxv8f[c[v[fiWh-[-4BY»fff[v"8–xrWc[8' xµ [fB' xµ [fi]WY'xfB["YK
		I / ogQ ; 5b5d ymb	e9 f Wl[e9µ hi["® [8F »q X[fix] q [Wl»f[q [v" YhiY»h'flr g YhiY»h'fl8 E [Wl»f[Z h'[q flr ' xµ [fifiW[3Yxvfl»q ' "hxv8f[c[v[fiWh-[-4BY»fff[v"8–xrWc[8' xµ [fB' xµ [fi]WY'xfB["YK
		I / obQ ; gQ 5b5e	e9 f Wl[g9µ hi["® [8F »q X[fix] q [Wl»f[q [v" YhiY»h'flr b YhiY»h'8 E [Wl»f[Z h'[q flr ' xµ [fifiW[3Yxvfl»q ' "hxv8f[c[v[fiWh-[-4BY»fff[v"8–xrWc[8' xµ [fB' xµ [fi]WY'xfB["YK
		I / oeQ ; gQ 5b5d5e ymb	e9 f Wl[g9µ hi["® [8F »q X[fix] q [Wl»f[q [v" YhiY»h'flr e YhiY»h'fl8 E [Wl»f[Z h'[q flr ' xµ [fifiW[3Yxvfl»q ' "hxv8f[c[v[fiWh-[-4BY»fff[v"8–xrWc[8' xµ [fB' xµ [fi]WY'xfB["YK
	G' "hxv	I / oQ ; gOM	I / obQ ; gQ 8I / oeQ ; gQ Z[ZhYW[Z –xrWc["fiWfl]xfiq [fi3 eK Pbba O* , "x ddnPgoa O* , 4
Alxrw'hxv q xvh'xfhvc		I / odD: 5g	E [Wl»f[Z h'[q flr nWkWc[Y»fff[v" 3Ax 4Bf[flhl"h-[- Yxq ' xv[v" nWkWc[Y»fff[v" 3Axfi4B v»q X[fix] q [Wl»f[Z YhiY»h'flr d YhiY»h'fl

5br - [ZhYW[Z Y»fff[v" fl[vflxffl Wf[f[" »hi[Z]xfix' [fiWhxvK
5dr , »fff[v" q [Wl»f[q [v" q xZ[hl ' fix–HZ[ZKN' "x [hcf " YhiY»h'fl YWv X[q [Wl»f[Z µ f [v q [Wl»fhvc xvn®"f [Y»fff[v" –Wn[K
5er Mf [fl[' WfiW[–xrWc["fiWfl]xfiq [fi3 / oQ ; gOM4 hl f[" »hi[Z]xfi"f ["f f[[9 f Wl[g9µ hi[Yxq ' WhXfn ' fixZ»Y'flK
5gr - [ZhYW[Z f[flhZ»WhY»fff[v" "fiWfl]xfiq [ffl Wf[f[" »hi[Z]xfix' [fiWhxvK

r

E / L hv"[fi]WY[		I BnbE / Lpl	; hcf 9L ' [[Z - WWDxcc[fiq xZ»fn 5, xq ' WtFlash card are required
	G' "hxv	: Mai 9E / E 9bdoE ,	, xq ' WY'7rWlf YWfZ8YW WYh'® bdo E +
		: Mai 9E / E 9di I E ,	, xq ' WY'7rWlf YWfZ8YW WYh'® di I MB
		I - obE / E 9 bdE + ,	, xq ' WY'7rWlf YWfZ8YW WYh'® i,12 MB
		I - obE / E 9b: + ,	, xq ' WY'7rWlf YWfZ8YW WYhy: 1 GB
; hcf 9L ' [[Z - WWDxcc[fi		I - ob- Dpl	; hcf 9L ' [[Z - WWDxcc,er module *CompactFlash card are re ' »hi[Z
	G' "hxv	I - obE / E 9 bdE + ,	, xq ' WY'7rWlf YWfZ; capacity: 512 MB
		I - obE / E 9b: + ,	, xq ' WY'7rWlf Yard, capacity: 1 GB
		I - obE / E 9d: + ,	, xq ' WY'7rWsh card, capacity: 2 GB
		I - obE / E 9g: + ,	, xq ' WtFlash card, capacity: 4 GB
		I - obE / E 9b: + ,	, xopactFlash card, capacity: 8 GB
/ "f [fiv["		I Bnb/ nb9baa	10BASE-T/100BASE-TX
		I Bnb/ nb9+d	10BASE2
		I Bnb/ nb9+i	10BASE5
L[fiWhYxq q »vhYWhxv		I Bnb, dgF	RS-232: 1 channel, RS-42dPgoi r b Yf Wv[n8"x"Wh'fiWflq hlflhxv fl' [[Z x] d Yf Wv[nhr deaKg kX' fl
		I Bnb, dgFi-R2	RS-232: 2 channels, tx"Wh'fiWflq hlflhxv fl' [[Z x] d Yf Wv[nhr deaKg kX' fl
		I Bnb,,24N-R4	RS-422/485: 2 chav[nh8"x"Wh'fiWflq hlflhxv fl' [[Z x] d Yf Wv[nhr deaKg kX' fl
Av"[nhc[v" Yxq q »vhYWhxv		I -/51	BASIC prograq [² [Y»"hxv q xZ»fn8J L9dedr d Yf Wv[nh
		I -)51-R24	BASIC procfiWq [² [Y»"hxv q xZ»fn8J L9dedr b Yf Wv[n8J L9gddPgoi r b Yf Wv[m
		LG/1IVD-AD51HP*1	Softwa[' WkWc[ ]xfil - i b8* - i b; 9Le8WZ * bL- i bL

5br Mf [' fixcfiWq hl fi»v hv Q hvZxµ fl Yxq q WZ prompt.

UD[c[vZ V I h r- x»Xrþ XfWvZ ' fixZ»Y" y mb r J [Y[v"r®f[rþWl[Z ' fixZ»Y" SOON r HfixZ»Y" W-WWXrþ flxxv

HfixZ»Y"		E xZ[m	G»"rhv[
, , 9Dhvk A' , xv"fixrþnfi F["µ xfik		I Bnb: Hdb9LR	E »rhl9q xZ[ ]hX[fix' "hY YWXrþ8Z»Wmxx' 8Yxv"fixrþnfiv["µ xfik 3Yxv"fixrRxfiq Wnfl"Whxv4
		I Bnb: HdbL9LR	E »rhl9q xZ[ ]hX[fix' "hY YWXrþ8Z»Wmxx' 8Yxv"fixrþnfiv["µ xfik 3Yxv"fixrRxfiq Wnfl"Whxv4Bµ hf [²"[fivWh xµ [fifl»' ' r®]»vY"hxv
MELSECNET/H	G' "hYWh rxx' 3LA4	I BnbDHdb9di	LAP LAP, 9H, 7PXfixWZXWvZ ; 9H, 7]hX[fix' "hY YWXrþ8Z»Wmxx' 8 Yxv"fixrþnfiv["µ xfik 3Yxv"fixrRxfiq Wnfl"Whxv4xfifl[q x"[ARG v["µ xfik 3fl[q x"[q W[fifl"Whxv4
		I BnbDHdbL9di	LAP LAP, 9H, 7PXfixWZXWvZ ; 9H, 7]hX[fix' "hY YWXrþ8Z»Wmxx' 8 Yxv"fixrþnfiv["µ xfik 3Yxv"fixrRxfiq Wnfl"Whxv4xfifl[q x"[ARG v["µ xfik 3fl[q x"[q W[fifl"Whxv4Bµ hf [²"[fivWh xµ [fifl»' ' r®]»vY"hxv
		I BndDHdi 9di	LAP LAP, 9H, 7PXfixWZXWvZ ; 9H, 7]hX[fix' "hY YWXrþ8Z»Wmxx' 8fl[q x"[ARG v["µ xfik 3fl[q x"[ARG fl"Whxv4
	G' "hYWh rxx' 3 A4	I BnbDHdb:	: A9 aPbdi]hX[fix' "hY YWXrþ8Z»Wmxx' 8 Yxv"fixrþnfiv["µ xfik 3Yxv"fixrRxfiq Wnfl"Whxv4xfifl[q x"[ARG v["µ xfik 3fl[q x"[q Wl"[fifl"Whxv4
		I BndDHdi :	: A9 aPbdi]hX[fix' "hY YWXrþ8Z»Wmxx' 8fl[q x"[ARG v["µ xfik 3fl[q x"[ARG fl"Whxv4
	, xW hWh X»fl	I Bnb+J bb	e, 9dOP , 9dO YxW hWhYWXrþ8flhvcrþ X»fl8 Yxv"fixrþnfiv["µ xfik 3Yxv"fixrRxfiq Wnfl"Whxv4xfifl[q x"[ARG v["µ xfik 3fl[q x"[q Wl"[fifl"Whxv4
		I Bnd+J bi	e, 9dOP , 9dO YxW hWhYWXrþ8flhvcrþ X»fl8fl[q x"[ARG v["µ xfik 3fl[q x"[ARG fl"Whxv4
	Mµ hl" X»fl	I BnbF Mbb+	Mµ hl"[Z ' Wi YWXrþ8flhvcrþ X»fl8Yxv"fixrþnfiv["µ xfik 3Yxv"fixrRxfiq Wnfl"W ion)
, , 9Dhvk A' 7hþ rZ F["µ xfik		I Bnb: 7bb9Md⁵ᵇ	E Wl"[fiPxYWnfl"Whxv8, , 9Dhvk A' 7hþ rZ F["µ xfik Yxq ' WhXrþ
, , 9Dhvk		I Bl b+MbbF	E Wl"[fiPxYWnfl"Whxv8, , 9Dhvk Q[fKd Yxq ' WhXrþ
, , 9DhvkPDM		I Bl b, Dbd	E Wl"[fifl"Whxv
7D9v[" 3GH, F9d4	Q[fKdKaa	I Bnb7Dnb9M97ab	ba+* L/ 9M8baa+* L/ 9MR
		I Bnb7Dnb9+d97ab	ba+* L/ d
		I Bnb7Dnb9+i 97ab	ba+* L/ i
	Q[fKbKaa	I Bnb7Dnb9M	ba+* L/ 9M
		I Bnb7Dnb9+d	ba+* L/ d
		I Bnb7Dnb9+i	ba+* L/ i
E G- +NL		I BnbE +pb	E G- +NL J L9ded8J L9gddR 85 configurable as master or slave
		I BnbE Mpb	E G- +NL PM H ba+* L/ T/100BASE-TX configurable as mast fixfiflrW-[
* L9h		I Bnb* Lpd	E Wl"[fifl"Whxv8* L9A "erface Specification Version 2.11 com WhXrþ

Codienhanh.com

G vmul mi HgMF g

UD[c[vZ V **l h** r - x»Xrp XflWZ ' fixZ»Y" **ymb** r J [Y[v"®f[rpWl[Z ' fixZ»Y" **SOON** r HfixZ»Y" W-WhWXrp flxxv

HfixZ»Y"		ExZ[m	G»"rhv[
I DWfc[XWl[	E Whv XWl[	I ei + D5ᵇ	i flm"flKHxµ [fifl»' ' r®q xZ»rp hvfl"WhWhxv ff[" »hi[ZK7xfi I fl[fh fl rWfc[hv' »"Rx»" »" q xZ»rp hvfl"WhWhxv
		I eo+ D5ᵇ	o flm"flKHxµ [fifl»' ' r®q xZ»rp hvfl"WhWhxv ff[" »hi[ZK7xfi I fl[fh fl rWfc[hv' »"Rx»" »" q xZ»rp hvfl"WhWhxv
	/ ²"[vflhxv XWl[	I I i + D5ᵇ	i flm"flKHxµ [fifl»' ' r®q xZ»rp hvfl"WhWhxv ff[" »hi[ZK7xfi I fl[fh fl rWfc[hv' »"Rx»" »" q xZ»rp hvfl"WhWhxv
		I I o+ D5ᵇ	o flm"flKHxµ [fifl»' ' r®q xZ»rp hvfl"WhWhxv ff[" »hi[ZK7xfi I fl[fh fl rWfc[hv' »"Rx»" »" q xZ»rp hvfl"WhWhxv
		I i i + D5ᵇ	i flm"flKHxµ [fifl»' ' r®q xZ»rp hvfl"WhWhxv vx" fi[" »hi[ZK7xfi I fl[fh fl rWfc[hv' »"Rx»" »" q xZ»rp hvfl"WhWhxv
	DWfc[XhWk Yx-[fi	I : I pD5ᵇ	7xficW WZj»fl"q [v" µ f [v W' fi[-hx»fl I fl[fh fl q xZ»rp hl hvfl"WhpZ xv "f [I rWfc[XWl[
I DWfc[AR'G	Av' »"	I RbbD5ᵇ	7xfifl[' rWY[q [v" x] * 9l[fh fl rWfc["® [q xZ»rp)* Rbb)K ed ' xhv"fl8baa "x bda O* , 8fi[fl' xvfl["hq [r di q fl8ed ' xhv"flPYxq q xv8 eo9 xhv" "[fiq hvWhXmYk
		I RdbD5ᵇ	7xfifl[' rWY[q [v" x] * 9l[fh fl rWfc["® [q xZ»rp)* Rdb)K ed ' xhv"fl8daa "x dga O* , 8fi[fl' xvfl["hq [r di q fl8ed ' xhv"flPYxq q xv8 eo9 xhv" "[fiq hvWhXmYk
	G»"' »"	I Sbb* D5ᵇ	7xfifl[' rWY[q [v" x] * 9l[fh fl rWfc["® [q xZ»rp)* Sba* 8* Sbb*)K bl ' xhv"fl8dg O- , Rdga O* , 8d * P xhv"sbl * PWhh xhv"fl8Whd xInt independent Yxv"WY"fl8fi[fl' xvfl["hq [r bd q fl8 eo9 xhv" "[fiq hvWhXmYk
		I SbeD5ᵇ	7xfifl[' rWY[q [v" x] * 9l[fh fl rWfc["® [q xZ»rp)* Sbe)K ed ' xhv"fl8dg O- , Rdga O* , 8d * P xhv"si * PYxq q x», 8 points/common, response tiq [r bd q fl8 eo9 xhv" "[fiq hvWhXmYk
		I SdeD5ᵇ	7xfifl[' rWY[q [v" x] * 9l[fh fl rWfc["® [q xZ»rb "AY23". ed ' xhv"fl8baa "x dga O* , saK * P xhv"8dK A/common, 8 points/common, respovfl["hq [r b q fl 6 aK Y®Yrp8 eo9 xhv" "[fiq hvWhXmYk
		I Si bHD	7xfifl[' rWY[q [v" x] * 9l[fh fl rWfc["®, e module "AY41, AY41P, AY51, AY51-Lb)K ed ' xhv"fl8"flWflhl"xfi 3l®vY4BbdRdg V DC; 0.5 A/point; 4A/common, 16 poiv"flPYxq q xv8fi[fl' xvfl["hq [r b q fl8 eo9 xhv" "[fiq hvWhXmYk
; hcf 9L' [[Z , x»v"[fi		I - I d9 ab5ᵈ	7xfifl[' rWY[q [v" x] * 9l[fh fl large type module "AD61". d Yf Wv[rh8i a k' ' fl8Yx»nt input signal: 5/12/24 V DC, externaWhv' »"r i RbdRdg O- , 8YxhvYhZ[vY[x»" »"r "flWflhl"xfi 3l®vY4B bdRdg O- , 8aK * P xhit; 2 A/common
		I - I d9 ad5ᵈ	7xfifl[' rWY[q [v" x] A-series large type module "AD61-S1)K d Yf Wv[rh8ba kpps, count input signal: 5/12/24 V DC 8[²"[fivWhv' »"r i RbdRdg O- , 8YxhvYhZ[vY[x»" »"r "flWflhl"xfi 3l®vY4B bdRdg O- , 80.5 A/point; 2 A/common
Hxflhxvhc		I - ne* b	7xfifl[' rWement of "A1SD70". b WflhlNumber of positioning data items: 1 ZWWRWfl8WWhc x»" »"
/ ²"[vflhxv XWl[	* vL fl[fh fl	I * bLi b+ 5ᵉ	b flot. Does not require installation of AnL fl[fh fl ' xµ [fifl»' ' r®q xZ»rpK7xfi* vL fl[fh fl q xZ»rp hvfl"WhWhxv
		I * bLI i + 5ᵉ	5 slots. Requires AnS series power a»' ' r®q xZ»rp hvfl"WhWhxvK7xfi* vL fl[fh fl q xZ»rp hvfl"WhWhxv
		I * bLI o+ 5ᵉ	8 slots. Requires AnS series pow[fifl»' ' r®q xZ»rp hvfl"WhWhxvK7xfi* vL fl[fh fl q xZ»rp hvfl"WhWhxv
	* fl[fh fl	I * I i + 5ᵉ	5 slots. Requires A series poµ [fifl»' ' r®q xZ»rp hvfl"WhWhxvK7xfi* fl[fh fl q xZ»rp hvfl"WhWhxv
		I * I o+ 5ᵉ	8 slots. Requires A serien ' xµ [fifl»' ' r®q xZ»rp hvfl"WhWhxvK7xfi* fl[fh fl q xZ»rp hvfl"WhWhxv
7xfi E / DL/ , F/ M3II 4 mYWhl"Whxv		* bLBnb*,P23Q*⁴	Optic cable, duplex lox' 8E / DL/ , F/ M3II 4 mYWhl"Whxv
		* bLP71AR23Q*⁴	3C-2V/5C-2V co»FhWYWXrp8Z»' rp² mx' 8E / DL/ , F/ M3II 4 mYWhl"Whxv
7xfi E / DL/ , F/ MR- mYWhl"Whxv		* bSJ71AT23BQ*⁴	Twisted pair YWXrp8flhvcrp X»fl8E / DL/ , F/ MR- mYWhl"Whxv

5br Gvr®fl»' ' xfi"[Z xvr®X®; hcf H[fi]xfiq WY[QCPU and Universal QCPU (ExclvZhvc I aaNB, HN4K

5dr * Yxvv[Y"xfihl vx" ' fix-hZ[ZKHrpWl[xfiZ[f. one of the following separately: I , GFbP I , GFdP I , GFeP I , GFg

5er Gvr®fl»' ' xfi"[Z xvr®X®; hcf H[fi]xfiq WY[qodel QCPU.

5gr Gvr®fl»' ' xfi"[Z X®f hcf ' [fi]xfiq WY[q xZ[ml ,CPU and universal moZ[ml , HN 3hfl"]h-[Zhchfl x] fl[flWhF xKbebad xfif hcf [fi4K

Ai

UD[c[vZ V I h r - x»Xrʃn XfIWZ ' fixZ»Y" y mb r J [Y[v"r®f[rʃnWI[Z ' fixZ»Y" SOON r HfixZ»Y" W–WIWXrʃn flxxv

HfixZ»Y"		E xZ[m	G»"rhv[
, , 9Dhvk A\ , xv"fixrʃnfi F["µ xfk		I oa+- 9Bnb: Hdb9LR	H, AX»flRH, A9R X»fl8BW Wv[fl[P vcrhlf GL Yxq ' WlhXrʃn8q »rhl9q xZ[ ]hX[fix' "hY YWXrʃn8Z»Wrnox' 8 Yxv"fixrʃnfiv["µ xfk 3Yxv"fixrRxfiq Wfil"Wlhxv4
		I ob+- 9Bnb: Hdb9LR	H, A/ ²' fi[flfl X»fl8BW Wv[fl[P vcrhlf GL Yxq ' WlhXrʃn8q »rhl9q xZ[ ]hX[fix' "hY YWXrʃn8Z»Wrnox' 8 Yxv"fixrʃnfiv["µ xfk 3Yxv"fixrRxfiq Wfil"Wlhxv4
		I oa+- 9Bnb: HdbL9LR	H, AX»flRH, A9R X»fl8BW Wv[fl[P vcrhlf GL Yxq ' WlhXrʃn8q »rhl9q xZ[ ]hX[fix' "hY YWXrʃn8Z»Wrnox' 8 Yxv"fixrʃnfiv["µ xfk 3Yxv"fixrRxfiq Wfil"Wlhxv48µ h'f [²"[fivWh xµ [fifl»' ' r®]»vY"hxv
		I ob+- 9Bnb: HdbL9LR	H, A/ ²' fi[flfl X»fl8BW Wv[fl[P vcrhlf GL Yxq ' WlhXrʃn8q »rhl9q xZ[ ]hX[fix' "hY YWXrʃn8Z»Wrnox' 8 Yxv"fixrʃnfiv["µ xfk 3Yxv"fixrRxfiq Wfil"Wlhxv48µ h'f [²"[fivWh xµ [fifl»' ' r®]»vY"hxv
, , 9Dhvk A\ 7hʃ rZ F["µ xfik		I ob+- 9Bnb: 7bb9Md5ᵇ	H, A/ ²' fi[flfl Yxq ' WlhXrʃn8/ "f [fiv[" Yxvv[Y"hxvfl hv rhv[8fl"WB xfirhv[WZ fl"Wfiq h²[Z8Yxv]hc»fiWXrʃn Wfl q Wfl"[fixfirnYWfil"WlhxvK
MELSECNET/H(10)	G' "hYWrnox' 3LA4	I ob+- 9BnbDHdb9di	H, A/ ²' fi[flfl X»fl8BW Wv[fl[P vcrhlf GL Yxq ' WlhXrʃn8LAP LAP 9H, 7PXfixWZXWZ ; 9H, 7]hX[fix' "hY YWXrʃn8Z»Wrnox' 8 Yxv"fixrʃnfiv["µ xfk 3Yxv"fixrRxfiq Wfil"Wlhxv4
		I oa+- 9BnbDHdb9di	H, AX»fl8BW Wv[fl[P vcrhlf GL Yxq ' WlhXrʃn8LAP LAP 9H, 7PXfixWZXWZ ; 9H, 7]hX[fix' "hY YWXrʃn8Z»Wrnox' 8 Yxv"fixrʃnfiv["µ xfk 3Yxv"fixrRxfiq Wfil"Wlhxv4
		I oa+- 9BnbDHdbL9di	H, AX»fl8BW Wv[fl[P vcrhlf GL Yxq ' WlhXrʃn8LAP LAP 9H, 7PXfixWZXWZ : 9H 7]hX[fix' "hY YWXrʃn8Z»Wrnox' 8 Yxv"fixrʃnfiv["µ xfk 3Yxv"fixrRxfiq Wfil"Wlhxv48µ h'f [²"[fivWh xµ [fifl»' ' ry function
	G' "hYWrnox' 3 A4	I oa+- 9BnbDHdb:	H, AX»fl8BW Wv[fl[P vcrhlf GL Yxq ' WlhXrʃn8: A9 aPbdi]hX[fix' "hY cable, dual loop, Yxv"fixrʃnfiv["µ xfk 3Yxv"fixrRxfiq Wfil"Wlhxv4
	, xW"hWhX»fl	I oa+- 9Bnb+J bb	H, AX»fl8BW Wv[fl[P vcrhlf GL Yxq ' WlhXrʃn8e, 9dOP , 9dO coaxial cable, single bus, Yxv"fixrʃnfiv["µ xfk 3Yxv"fixrRxfiq Wfil"Wlhxv4
, , 9Dhvk		I ob+- 9BI b+Mbb	H, A/ ²' fi[flfl X»fl8BW Wv[fl[P vcrhlf GL Yxq ' WlhXrʃn master/local interface board, CC-Link O[fKd Yxq ' WlhXrʃn
		I oa+- 9BI b+MbbF	H, AX»fl8BW Wv[fl[P vcrhlf GL Yxq ' WlhXrʃn8q Waster/local interface board, CC-Link VerKd Yxq ' WlhXrʃn

5br - x[fl vx" fl»' ' xfi' X[hvc »fl[Z Wfl "f [q Wfl"[fifl"Wlhxv hv Wfihvc v["µ xfkK

m

Q hfi[rʃnflfl D* F * ZW "[fi	NKLK K	FTdQ D9NL 5ᵇ5ᵈ I h	, xv]xfiq fl "x A\ / / o02.11a, IEEE 802.11b, IEEE 802.11g fl"WvZWfiZfl
	/ »fix' [	FTdQ D9/ N5ᵇ5ᵈ I h	, xv]xfiq fl "x A\ / E 802.11a, IEEE 802.11b, IEEE 802.obc fl"WvZWfiZfl
	, f hvW	FTdQ D9 F5ᵇ5ᵈ I h	, xv]xfiq fl "x IEEE 802.11a, IEEE 802.11b, IEEE 8adKbbc fl"WvZWfiZfl
	Cxfi[W	FTdQ D9CJ 5ᵇ5ᵈ I h	, xv]xfiq s to IEEE 802.11a, IEEE 802.11b, IEF / oadKbbc fl"WvZWfiZfl
	MWhµ Wv	FTdQ D9MQ 5ᵇ5ᵈ I h	, xv.lorms to IEEE 802.11a, IEEE 802.11b 8A\ / / oadKbbc fl"WvZWfiZfl
AvZ»fl"fihWfilµ h'Yf hvc ; N+		FTd/ ; : 9Mb I h	10Mbps/100Mbps/1Gbps AUTO-MDIX 8- AF fiWhrq x»v"WXrʃn8o ' xfi'fl
		FTd/ ; 79Mb I h	10Mbps/100Mbps AUTO-MDIX, DAF fiWhrq x»v"WXrʃn8o ' xfi'fl
, , 9Dhvk A\ 7hʃ rZ F["µ xfik / "f [fiv[" * ZW "[fi		FTd: 79/ M+	100Mbps/1Gbps compatible s*Whxv]xfi [²' WvZhvc , , 9Dhvk A\ 7hʃ rZ F["µ xfkfl

5br / Wfif ' fixZ»Y" hfl »flWXrʃn xvr®hv "f [fi[fl' [Y"h+ Yx»v"fi®Y
5dr +x"f WlY[flfl ' xhv"fl WvZ fl"Whxvfl Wfi[fl»' ' xfi'[Z8WvZ can be switched with the settings.

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7xfiZ["Wffh xv "f [flx]"µ Wf[‒ffllxvfl Yxq ' WhXŋ µ ħf [Wf q xZ»ŋ8f[ ][fi"x "f [q W»Wŋxfi[Wf ' fixZ»Y"K
HŋWl[Yxv"W"®x»fim YWnE ħfl»Xhlf h/ ŋY"fhY flWŋfl x]]hY[xfifl[' fl[fl[v"Wh‒]xfi"f [mW[fl" hv]xfiq Whxv WXx»" E / DLG7Mflx]"µ Wf[‒ffllxvfl WZ Yxq ' WhXŋ x' [flWhvc fl®fl"[q flK

UD[c[vZ V **I h** r - x»Xŋ XflWZ ' fixZ»Y" **y mb** r J [Y[v"®f[ŋWl[Z ' fixZ»Y" **SOON** r HfixZ»Y" W‒WhXŋ flxxv

I v mul / nOof

5J [ ][fi"x "f [ ), xq ' WhXŋ , HNfl) "WXŋ]xfi hvZh‒Z»Wh Wf' vWq [flK

HfixZ»Y"	ExZ[m	G»"mv[	Compatible CPU*						
			d s m gv I mv			Psor Performance I mv	Cg si I mv	U i m DUd	Redundant DUd
			V dEe	V d	V dE(H)				
: R Q xfkfld	LQ b- F, 9 RQ d9'	HfixcfWq q WXŋ Yxv"fixmŋfi[vchv[[fhvc flx]"µ Wf[3flx]"µ Wf[µ ħf hv"[cfW[Z]»vY"hxvfl hvYmZhvc "xxmfi]xfi' fixcfWq q hvc8 fllhq »mWhxv WZ ‒Wfhx»fl q xZ»ŋ fl[""hvcRq xvħxfhvc4	●	●	●	●	●	5b	5b
: R - [‒ m' [fi	LQ o- i , 9 HHQ 9'	E / DL/ , ' fixcfWq q WXŋ Yxv"fixmŋfi' fixcfWq q hvc flx]"µ Wf[		●	● 5d	●	●	●	●
	LQ o- i , 9 HHQ 9' O	E / DL/ , ' fixcfWq q WXŋ Yxv"fixmŋfi' fixcfWq q hvc flx]"µ Wf[3»' cfWZ[4		●	● 5d	●	●	●	●
: R Lhq »mWxfB5e	LQ n- i , 9DDM9'	E / DL/ , ' fixcfWq q WXŋ Yxv"fixmŋfi fllhq »mWhxv flx]"µ Wf[		●	● 5d	●	●	●	●
	LQ n- i , 9DDM9' O	E / DL/ , ' fixcfWq q WXŋ Yxv"fixmŋfi fllhq »mWhxv flx]"µ Wf[3»' cfWZ[4		●	● 5d	●	●	●	●
: R , xv‒fl"[fB5e	LQ a- i , 9 FOQ 9'	/ ² Y[mP[² " ZWWYxv‒fl"[fi				●	●	●	●
: R , xv]hc»fWxf9' - 5e	LQ d- i , 9 * - N9'	* vWhc "x Zhc"ħWhYxv‒ffllxv q xZ»ŋ fl[""hvcRq xvħxfhvc "xxm		●	● 5d	●	●	●	●
: R , xv]hc»fWxf9- * 5e	LQ d- i , 9 - * N9'	- hcħWhx WWhc Yxv‒ffllxv q xZ»ŋ fl[""hvcRq xvħxfhvc "xxm	—	●	● 5d	●	●	●	●
: R , xv]hc»fWxf9L , 5e	LQ d- i , 9 L , N9'	E / DL/ , 9 Z[ZhYW[Z fl[fhWhYxq q »vhYWhxv q xZ»ŋ fl[tting/monitoring "xxm	—	●	● 5d	●	●	●	●
: R , xv]hc»fWxf9, M5e	LQ a- i , 9 , MN9'	E / DL/ , 9 Z[ZhYW[Z f hcf 9l' [[Z Yx»v"[fiq xZule setting/monitoring tool	—	●	● 5d	●	●	●	●
: R , xv]hc»fWxf9M, 5e	LQ a- i , 9 M, N9'	E / DL/ , 9 Z[ZhYW[Z "[q ' [fW»fl[Yxv"fiol module setting/monitoring tool	-	●	● 5d	●	●	●	●
: R , xv]hc»fWxf9MA5e	LQ b- i , 9 MAN9'	E / DL/ , 9 Z[ZhYW[Z "[q ' [fW»fl input module setting/monitoring tool		●	● 5d	●	●	●	●
: R , xv]hc»fWxf97 D5e	LQ a- i , 9 7 DN9'	E / DL/ , 9 Z[ZhYW[Z 7 D9vlt module setting/monitoring tool		●	● 5d	●	●	●	●
: R , xv]hc»fWxf9HM5e	LQ b- i , 9 HMN9'	E / DL/ , 9 Z[ZhYW[3 positioning module QD70 setting/mcvħxfhvc "xxm		●	● 5d	●	●	●	●
: R , xv]hc»fWxf9E + 5e	LQ b- i , 9 E + N9'	E G- + NL q Wfter module setting/monitoring tool		●	● 5d	●	●	●	●
: R , xv]hc»fWxf9* L5e	LQ b- i , 9 * L N9'	* L 9hq Wfter module setting/monitoring tool		●	● 5d	●	●	●	●
: R , xv]hc»fWxf9 H	LQ d- i , 9 - ni H9'	Hositioning module QD75P/D/M settingq xvħxfhvc "xxm		●	● 5d	●	●	●	●
: R / ² ' mf[fi	LQ d- i , 9' RH9'	Maintenance tool				●	●	● 5g	
: R J [q x"[L [fi‒Y[9 I	LQ d- i , 9J * L9E	Remote access tool				●	●	● 5g	
: R Q xfkfl	LQ g- i , -QSET-E	Set type products (7 iv "x"Wfr : R - [‒ m' [fB: R Lhq »mWxfB: R / ² ' mf[fB GX Configurator-A 8- * 8L , 8, M	5						
	LQ oD5C-GPPLLT-E	GX Developer: R Lhq »mWxfB: R / ² ' mf[fi	5						

5br L»' ' xfl"[Z xvm®]xfi fllhq ' ŋ ' fixj[Y" q xZ[K
5dr Fx" Yxq ' WhXŋ µ ħf I i aN- / ; , HN8I ba0UDEHCPU, and QJ71GF11-T2.
5er Fx" Yxq ' WhXŋ µ ħf I adH; , HN WZ I aliPHCPU.
5gr Mx Z["[fiq hv[µ f hYf , HNfl Wf[fl»' ' xfl"[Z8refer to the individual products WXx‒K

UD[c[vZ V l h r - x»Xfn XflWZ ' fixZ»Y" ymb r J [Y[v"®f[rnWfl[Z ' fixZ»Y" SOON r HfixZ»Y" W-WhXfn flxxv

l v mul / nO Af

5J [ ][fi"x "f [ ), xq ' WhXfn , HNfl) "WXfn]xfi hvZh-hZ»Wh Wfl' vWq [flK

HfixZ»Y"	E xZ[m	G»"mv[	, xq ' WhXfn , HN5						
			d s m gv l mv			Psor Performance l mv	Cg si l mv	U i m DUd	Redundant DUd
			V dEe	V d	V dE(H)				
HR - [┼mx' [fi	LQ b- i , 97+- l 9'	HfixY[flfl Yxv"fixm7+- flx]"µ Wf[' WkWc[						●	●
	LQ b- F, 97+- l EGF9'	HfixY[flfl Yxv"fixm7+- flx]"µ Wf[' WkWc[q xvl"xflvc "xxm						●	●
HR Q xfkfl	LQ e- i , 97+- : HH9'	L[" "® [' fixZ»Y"fl 3 lv "x"Wflr HR - [┼mx' [fB: R - [┼mx' [fB: R , xv]lc»flWxf9' - 8- * 8, M8MA	5b						

5br Mk Z["[fiq lv[µ f lYf , HNfl Wf[fl»' ' xfi'[Z8f[ ][fi"x "f [lvZh-hZ»Wh fixZ»Y"flK

l v mul / nO v f

E R , xq ' xv[v"	LQ g- F, 9* , M9' 5b ymb	* Y"h-[-R mXfiWf®]xfi Yxq q »vhYWhxv	●	●	●	●	●	●	●
E R L f [["	LQ d- F, 9L ; / / M9' ymb	/ ² Y[m Yxq q »vhYWhxv fl»' ' xfl' "xxm	●	●	●	●	●	●	●
E R Q xfkfl	LQ d- F, 9L ; / / ML / M9' ymb	* fl[" x] "µ x ' fixZ»Y"flr E R , xq ' xv[v"8E R L f [["	5d						
E R E / LA"[fijWY[	LQ b- F, 9E / LA79'	E / L lv"[fijWY[q xZ»rn l BnbE / Lpl Z[ZhYW[Z lv]xfiq Whxv mnkage tool	5e						

5br Mk »fl[E R L f [["8E R , xq ' xv[v" hl f[" »hi[ZK
5dr Mk Z["[fiq lv[µ f lYf , HNfl Wf[fl»' ' xfi'[Z8f[ ][fi"x "f [lvZh-hZ»Wh fixZ»Y"flK
5er J [" »hi[Z µ f [v »fllvc "f [E / L lv"[fijWY[q xZ»rnK

l v mul / nO F b

E / DLG7Mh Q xfkfl	LQ b- F, 9A Q C9' 3, - 9J GE [Zh"hxv4	7* [vclv[[flvc flx]"µ Wf[5b •System management software "MELSOFT Navigator" N' fl"f[Wq Z[flhcv8"xxm]xf' linkage to iQ Works products •Programmable controller engineering software "MELSOFT GX Works2" Mxxrh]xfi ' fixcfWq mable controller programming, simulatixv WZ –Whx »fl q xZ»rn fl[""lvcRq xvl"xflvc
	LQ b- F- 9A Q C9' 3- O- 9J GE [Zh"hxv4	•Motion controller engineering software "MELSOFT MT Works2" Mk"Whfl»' ' xfi' tools for motion controller design anZ q Wv"[vWY[•Display screen creation software "MELSOFT GT Works3" L »' ' ort tools for display screen creation •Robot Programing Software: MELSOFT RT ToolBox2 mini Programming and total engineering txxm]xfi fixXx"fl

5br Mk Z["[fiq lv[µ f lYf , HNfl Wf[fl»' ' xfi'[Z8f[ ][fi"x "f [lvZh-hZ»Wh products.

i i AT

A"[q		Model
Nvh-[-fflWhq xZ[m l , HN	l vN- O	l aeN-`V, Q04UDV, Q06UDV, Q5eN- O8l dl N- O
	l vN	l aaNB8l a0U, Q01U, Q02U
	l vN- 3' 4	l aeN- 3' 48l a4UD(E)H;8l al N- 3' 4; 8 l baN- 3' 4; 8l beN- 3' 4; 8l daN- 3' 4; 8l dl N- 3' 4; 8 l i aN- / ; 8l baaN- / ;
; hcf H[fi]xfiq WvY[q xZ[ml , HN		l ad8l ad; 8l al ; 8l bd; 8l di ;
+WflhY q xZ[ml , HN		l aaB8l aa8l ab
HfixY[flfl , HN		l adH; 8l al H; 8l bdH; 8l di H;
J [Z»vZWv" , HN		l bdHJ ; 8l di HJ ;