1. Safety precautions

ĥĻ proķŏıTs in This mĚnŏÊl ĚrĻ inķŏsŤriÊl proķŏıTs Ênķ ĚrĻ ĚIl opĻn-TĭpĻ hoŏsing ķĻsigns IŤ is ĻssĻnŤiÊl To insŤÊIl ThĻsĻ proķŏıTs NJiŤhin Ê ıonŤrol ıÊİinĻT ThÊŤ is sÊfĻgŏĚrķĻķ ĚgÊinsŤ ķŏsŤ moisŤŏrĻ Ênķ
nŤs sŏıh Ês ĻIĻıTrii shoıks or phĭsiıÊl impÊıTs AķķiTionÊIlĭ proŤĻıTiljĻ mĻÊsŏrĻs mŏsŤ İĻ TÊkĻn To prĻljĻnŤ mÊlfŏnıTions or ķĚmÊgĻ ıÊŏsĻķ İĭ impropĻr opĻrÊTion or Ê ıiķĻnŤs inljolljing non-mÊinŤĻnÊnıĻ
nnĻI FÊiIĭŏrĻ To ķo so mÊŤ IĻÊķ To sĻrioŏs risks To pĻrsonnĻl sÊfĻŤĭ Ênķ poŤĻnTiÊl loss of propĻâĭ

M
ĻÊsĻ rĻfĻr To ThĻ M sĻriĻs hĚrķNJĚrĻ opĻrÊTion mÊnŏÊl for morĻ ķĻTÊiIĻķ informÊTion

M C¼Ĭ C¿
ÊhĻ M sĻriĻs C¼Ĭs ĚrĻ ĻqŏippĻķ NJiTh İŏiIT-in C¿ İÊŤŤĻriĻs ¿ĻplÊıĻmĻnŤ İÊŤŤĻriĻs mŏsŤ İĻ pŏrıhĚsĻķ from HCFA A profĻssionÊl ĻIĻıTriiÊl ĻnginĻĻr NJĻÊring insŏlÊŤĻķ gloljĻs Ênķ NJiTh
poNJĻr TŏrnĻķ oÑ shoŏlķ rĻplÊıĻ ThĻm Ês ķĻsıriİĻķ in ÃĻıTion
LĻs C¼Ĭ ķĻ lÊ s|riĻ M sonŤ |qŏip|s ķĻ İÊŤŤĻriĻs C¿ inŤ|gr|Ļs LĻs İÊŤŤĻriĻs ķĻ rĻmplÊıĻmĻnŤ ķoiljĻnŤ êŤrĻ ĚıhĻŤ|Ļs Ěŏprès ķĻ HCFA Ïn ing|niĻŏr |IĻıTriqŏĻ profĻssionnĻl poâĚnŤ ķĻs
gĚnŤs isolĚnŤs ĻŤ ĚljĻı IĻ ıoŏrĚnŤ ıoŏp| ķĻljrÊiŤ IĻs rĻmplÊıĻr ıommĻ ķ|ıriŤ ķĚns lÊ sĻıTion

Model identification

HC M1 0 0 _ - 20 M T 4

	-ıhĚnnĻl pŏlsĻ oŏTpŏT)
	-ıhĚnnĻl pŏlsĻ oŏTpŏT)
	-ıhĚnnĻl pŏlsĻ oŏTpŏT)

A	AC poNJĻr sŏpplIĭ)

(N A)	ÃTĚnķĚrķ moķĻls)
(OThĻr)	(çĻrsion ıonŤrol Non-sTĚnķĚrķ spĻıifiıÊTions)

Applicable model

lay output, 1	kH ú high	speed counter 2, 12 inputs	1 kH ú 1 kH ú 2 2 RS2 2 1 RS 1 USB 1 1 1 kH ú high speed output axis , 1 kH ú high speed counter 2, inputs 2 outputs, RS2 2 1, RS 1, USB 1, 1 optional ca
CM1	MR A		1 kH ú 2 RS2 2 1 RS 1 USB 1 1 Relay output, 1 kH ú high speed counter 2, inputs outputs, RS2 2 1, RS 1, USB 1, 1 optional card
CM1	MT A		1 kH ú 1 kH ú 2 RS2 2 1 RS 1 USB 1 1 1 kH ú high speed output axis , 1 kH ú high speed counter 2, inputs outputs, RS2 2 1, RS 1, USB 1, 1 optional c

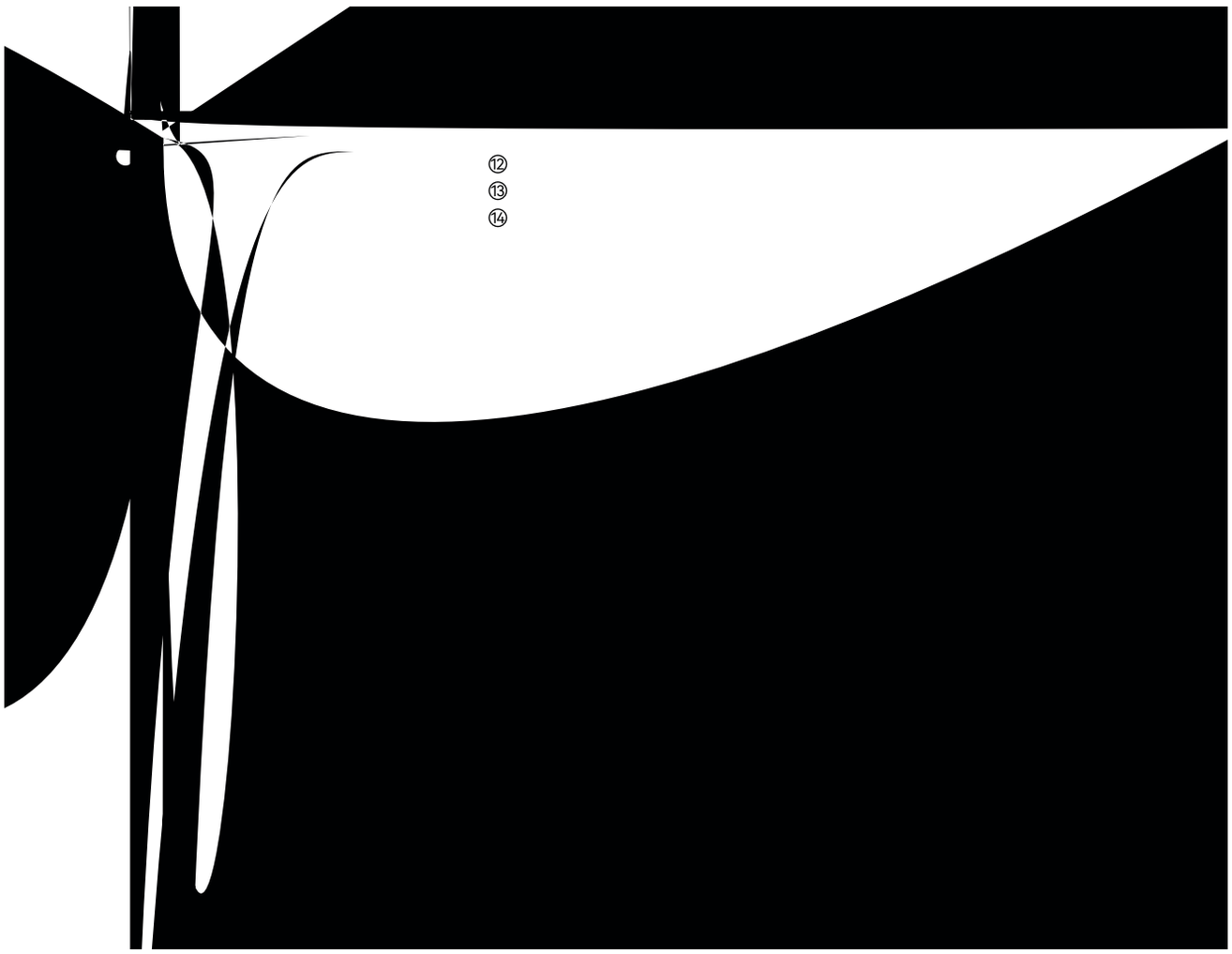
General environmental specifications

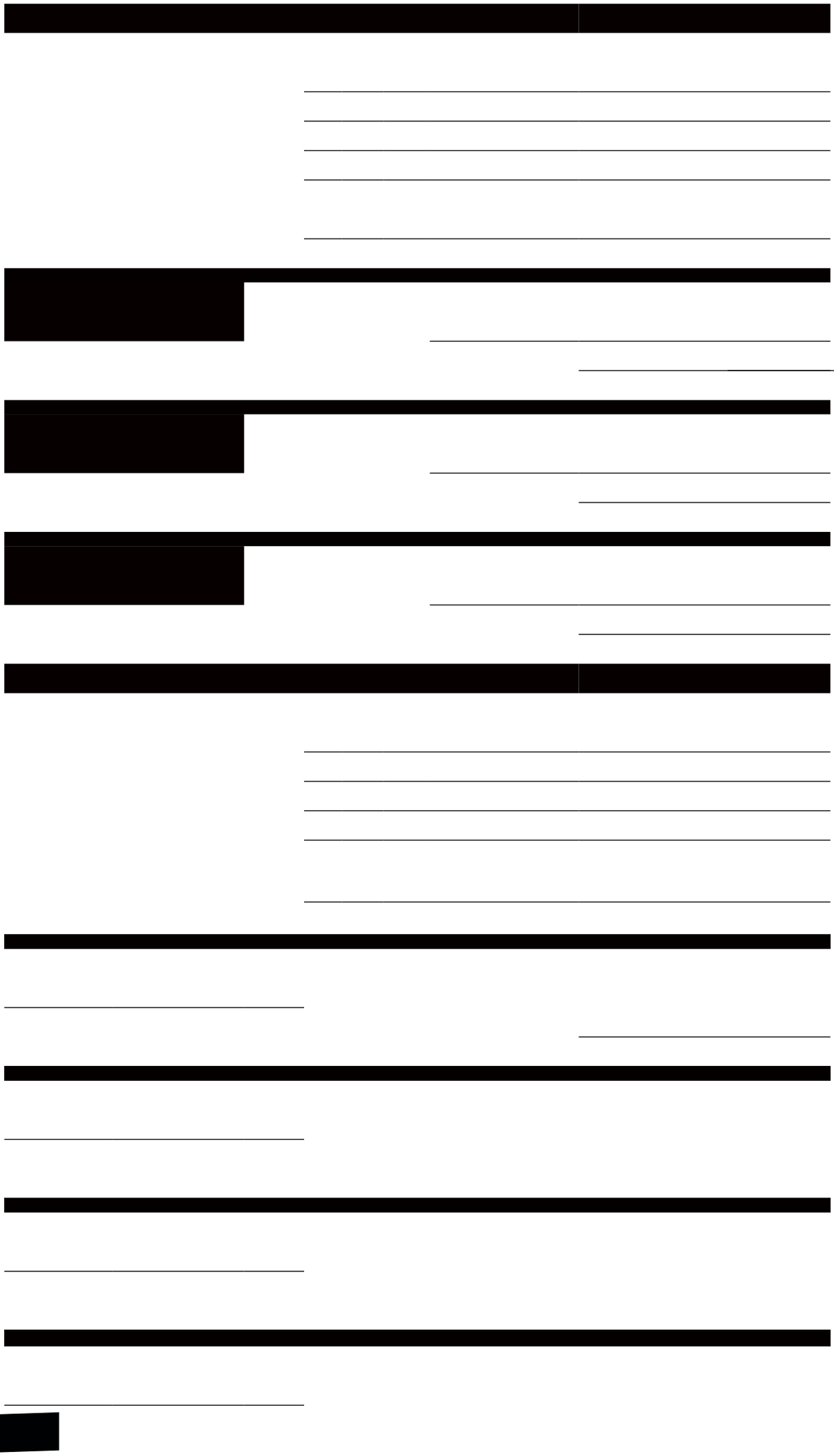
	AlTiTŏķĻ	m	m
	OpĻrĚTing ĻnIjironmĻnŤ		InsŤĚIlĚTion NJiThin Ê ıonŤrol ıÊİinĻT opĻn-TĭpĻ Ênķ inķoor ŏsĻ
	OpĻrĚTing TĻmpĻrĚTŏrĻ	C	C
H	¿H (non-ıonķĻnsĚTion)		
í î ö g	mm Hú (í î ö ķirĻıTion g	mm ķispIĚıĻmĻnŤ)	
	LĻIjĻI		

	Cooling mĻThoķ		NĚŤƟrĚl Ěir ıooling
	I¼ rĚTing	I¼	I¼
	EnılosƟrĻ mĚTĻriĚl		ÃĻIf-Ļ.ĬTingƟishĚ i IĻ

NoTĻ If ThĻ ĻqƟipmĻnT is ƟsĻķ in Ě mĚnnĻr noT spĻıiøĻķ ì ĭ ThĻ mĚnƟfĚıTƟrĻr ThĻ proTĻıTion proljiķĻķ ì ĭ ThĻ ĻqƟipmĻnT mĚĭ ìĻ impĚirĻķ

5. Installation instructions


⑫
⑬
⑭

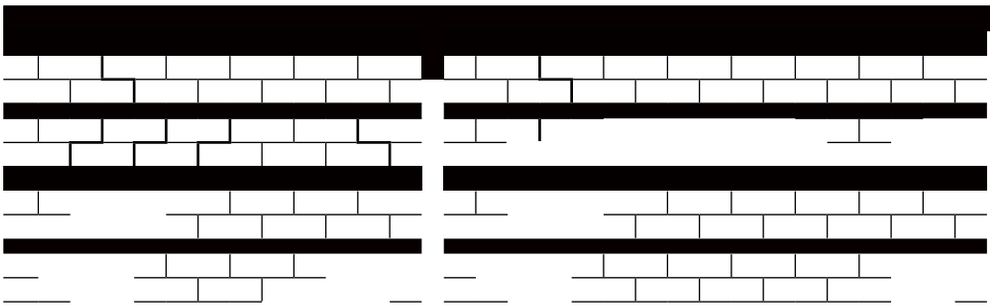


OÏÊN ( )	(OŬTpŬT)	(GrĻĻn)		NoT liT	N	ÊhĻrĻ is no oŬTpŬT signĚl for This ıhĚnnĻl
				LiT	N	ÊhĻrĻ ĚrĻ oŬTpŬT signĚls in This ıhĚnnĻl

8. Terminal and wiring description

Inpŭt)	GĻnĻrĚl inpŭT)								
	High-spĻĻķ inpŭT ıhĚnnĻls)	I I							
OŬTpŬT)	GĻnĻrĚl oŬTpŬT)								
	High-spĻĻķ oŬTpŬT ıhĚnnĻls)	¾ ¾	¾ ¾	¾ ¾ ¾ ¾					

HCM -M¿

NoTĻ ÊhĻ HCM -M¿ sĻriĻs ķoĻs noT sŭppoâ high-spĻĻķ oŬTpŬT

(Inpŭt)	(N¼N inpŭT)	开关 Switch DC24V