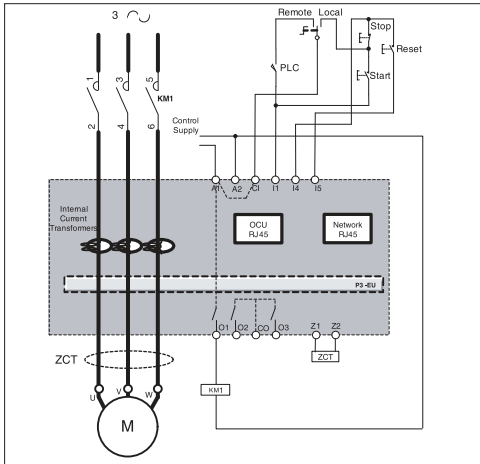
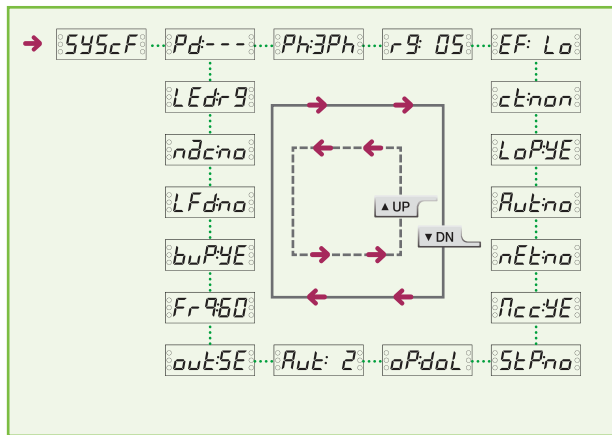


※ 제어전원은 선간 전압으로 결선된 복권 변압기를 사용하십시오.
Control power should be supplied by isolation transformer
which is phase to phase connection.
控制电源应由相间连接的隔离变压器供电.



A. System settings mode 설정순서



The diagram shows a 2D grid world environment. A robot, represented by a small circle with a red arrow, is located at the top-left corner. The environment contains several obstacles, represented by black rectangles. A goal, represented by a green square, is located at the bottom-right corner. The grid is divided into three main sections: a top section with obstacles, a middle section with a large open area, and a bottom section with obstacles. The robot's path is indicated by a red arrow pointing right. The goal is indicated by a green square. The environment is bounded by a black line.

MODE	Description	Range	Default	MODE	Description	Range	Default	MODE	Description	Range	Default
	암호설정 Password 设定密码	000 – 999 (000 for no password setting)	000		과전류동작시간 Over current duration 设定过电流运作时间	0.2 – 120s	5		운전시간 표시 Running hour 显示运作时间	0 – 99999	rh
	3상모터 또는 단상모터 Select 3 phase or single phase 选择单相、三相	3ph, 1ph	3Ph		반한시/열축적 반한시 동작곡선 TCC class for inverse or thermal inverse 反时限/热积累反时限动作曲线	1 – 30	5		누적 운전 시간 경보 출력 기준시간 Timeout alarm threshold 累积运作时间的警报输出基准时间	0 – 9990	oFF
	부하 전류설정 범위 선택 Base load current range 选择负荷电流设定范围	05, 80 (05-> oc: 0.5 - 6A) 80-> oc: 5 - 100A)	05		저전류 설정 Under current threshold 设定底电流值	oFF 0.5 – oc or 5.0 – oc	oFF		연도 설정 Year, 2009 - 2099 设定年度	09 – 99	09
	지락전류 설정범위 선택 Base ground fault current range 选择接地过流设定范围	Lo, Hi (Lo: 0.03 - 3.0A, Hi : 1.0 – 10.0A)	Lo		저전류 동작시간 Under current duration 设定底电流时运作时间	0.5 – 120s	5		월 설정 / Month / 设定月	1 – 12	1
	외부 CT 비율 설정 设定外部CT比率 External CT ratio,select cuS for separate configuration of primary, secondary and multiple passes	Non, 2t, 5t, cuS (ctse:1, ctse:5, ct:10~3000, PaS:1~5)	non		지락 전류 설정 Ground fault threshold 设定接地过流	oFF, 0.03 – 3.0A or 1.0 – 10.0A	2.5		일 설정 / Date / 设定日	1 – 31	1
	LOP 연결 여부 설정 LOP exist or not 设定LOP连接与否	yE, no	yE		지락 동작시간 Ground fault duration 设定接地故障保护时间	0.05 – 10	1		시 설정 / Hour / 设定时	00 – 23	0
	AUTO(PLC or DCS)연결 여부 설정 AUTO(PLC or DCS) exist or not 设定AUTO(PLC or DCS)连接与否	yE, no	no		지락 동작지연시간 Ground fault Starting delay 设定接地运作延迟时间	0 – 30s	0		분 설정 / Minute / 设定分	00 – 59	0
	통신으로 제어 가능하게 할것인지 선택 Enable control by cumuncation 选择用通信控制与否	yE, no	no		결상 / 缺相 Phase loss	on, oFF	on		초 설정 / Second / 设定秒	00 – 59	0
	OCU로 제어가능하게 할것인지 선택 Enable control by OCU 选择用OCU控制与否	yE, no	yE		결상 동작 시간 Phase loss duration 缺相动作时间	0.5 – 5	2		슬레이브 주소 Modbus slave address 设定从机地址	1 – 247	1
	OCU의 STOP버튼을 항상 유효하게 할것인지 선택 Enable global stop from OCU 选择OCU, STOP按键始终有效与否	yE, no	no		불평형 설정 Unbalance threshold 设定电流不平衡	oFF, 10 – 50%	50		통신속도(bps) Baudrate(bps) 设定通信速度	1.2, 2.4, 4.8, 9.6, 19.2, 38.4, auto	192
	모터 기동 방식,DOL,YD,Inverter or By pass 지원 operation mode, select DOL,YD, Inverter or By pass	doL, y-d, Inv , b-P	doL		불평형 동작시간 Unbalance duration 不平衡动作时间	1 – 10	5		Parity	non, even,odd	Eun
	AUTO가 2wire방식인지 3wire방식인지 선택 Select Auto-2wire for maintained contact or Auto-3wire for momentary contact 选择AUTO为2wire方式还是3wire方式	2, 3	2		기동 중 구속 설정 Stall threshold (multiples of oc) 启动之中堵转设定	oc x Sc <45 (05 Selected) oc x Sc <250(80 Selected)	4		통신두절검출 기준시간 Communication loss time 通信中断检测时间	1 - 999	oFF
	OL과 GR출력접점이 공통인지 분리인지 선택 Output type of OL and GR, select common or separate 选择OL和GR输出接点是共同的还是分离的	SE, Co	SE		운전 중 구속 설정 Jam threshold (multiples of oc) 运转之中堵转设定	oc x JA <45 (05 Selected) oc x JA <250(80 Selected)	4		PCON 연결모드 선택 Open PCON port 选择PCON连接模式	yE, no	no
	계통 주파수 System fundamental frequency 系统频率	50, 60	60		운전 중 구속 동작시간 Jam fault duration 运转之中设定堵转时间	0.2 – 10	5		제어 명령 진단 기능 활성화 Run/Stop command diagnosis 启用控制命令诊断功能	yE, no	no
	제어채널 변경시 모터 정지하게 할것인지 선택 Enable bump(stop) between control channel transfer 选择变更控制频道时, 电机的停运与否	yE, no	yE		Y결선 운전시간 1step time in YD starter Y接线连接运作时间	0. – 999s	3.0		고장 정보 표시 Fault records 显示故障信息	3 records	au
	저주파수 (5Hz-)검출 여부 선택 If yes, measurement starts from 5Hz 选择低频率 (5Hz~) 检测与否	yE, no	no		Y-D절체 시간 Transition time in YD starter Y-D变换时间	0 – 3s	1.0		OCU 연결상태 검점 Enable disconnection detection of OCU 检测OCU连接状态	yE, no	no
	통신으로 설정변경하게 할것인지 선택 Enable write access to network for configuration 选择将设定值变更为通信与否	yE, no	no		경보 출력 형태 Alert output type 警报输出形态	no,A,F,H,to,uc	no		빈번한 기동 방지 시간 Rapid Cycle times 频繁启动防止时间	0 – 999	0
	Lamps(RUN,STOP) 색상 선택 Select color of lamps (RUN,STOP) Lamps(RUN,STOP)选择颜色	rg (RUN : red / STOP : green) gr (RUN : green / STOP : red)	rg		경보율설정 Alert threshold (% of oc) 设定警报率	50 – 100%	50		열용량 초기화 Clear thermal capacity 热容量初始化	yE, no	
	역상 / 逆相 Reversed phase detection	On,oFF	oFF		고장복귀형태(수동, 자동, 원방복귀) Reset type(manual,Electric,auto) 故障复位形式(手动,自动,远方复位)	H-r (manual), E-r (Electric), A-r (Auto)	E-r		Reset SW를 눌러 정상 으로 복귀, 운전중 Test로 전환안됨 Press RESET to reset it from a trip after the test is complete. 结束后按RESET按钮就复位. 运转中不能转换为Test模式	$\xrightarrow{3sec}$$\xrightarrow{10sec}$ Test is Not applicable under normal operation	
	과부하검출방식 Time-current characteristic 超负荷检测方式	no, dE, In, th (none, definite, inverse, thermal inverse)	dE		자동복귀시간 Auto reset timer 自动复位时间	0.5 – 20n	5				
	과전류 설정 Over current threshold 设定过电流	dE : 0.5 – 6.0, or 5.0 – 100 In/th: 0.5 – 6.0 or 5.0 – 32	5		30분내 자동복귀 허용횟수 Limited of auto reset in 30 minutes 30分钟内自动复位允许次数	oFF,1-5	oFF				
	기동지연시간 Starting delay time 设定启动延迟时间	0 – 200s	5		총 운전 시간 Total running hour 总运作时间	0 – 99999	trh		출력검점시험완료 End of output test 完成输出接点测试		