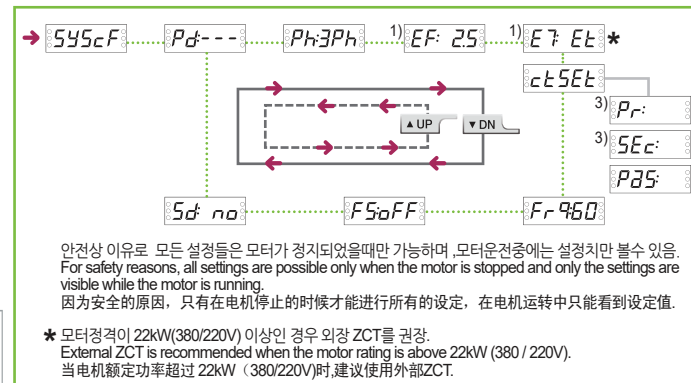
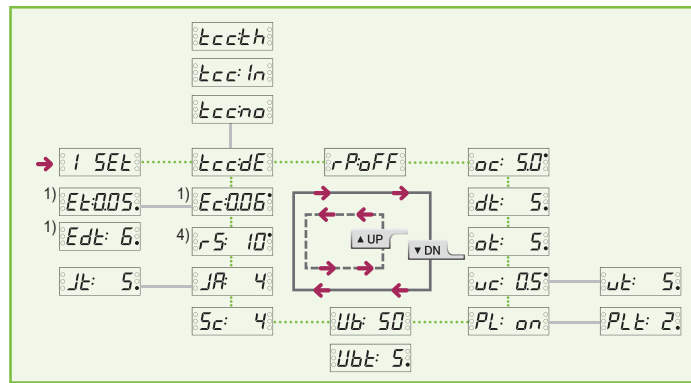


□ 기능설정순서 및 설정 메뉴
Configuration Menu
功能设定循序及设定菜单

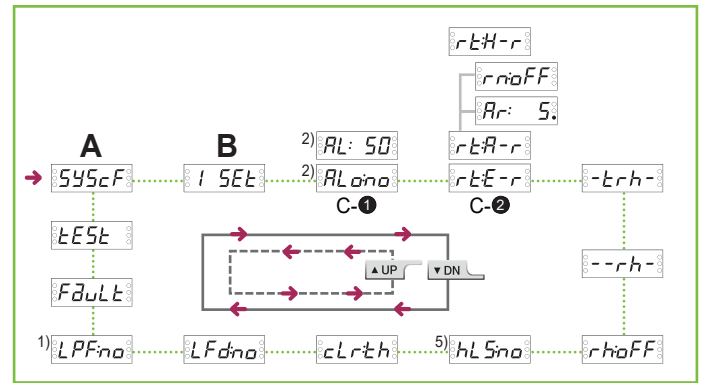
A 시스템 관련 설정 / System settings mode / 系统相关设定

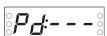
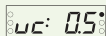
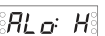
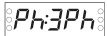
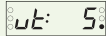
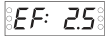
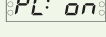
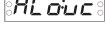
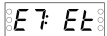
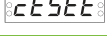
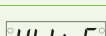
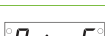
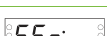
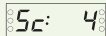
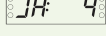
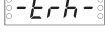
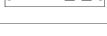
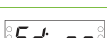
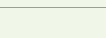
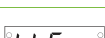
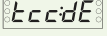
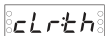
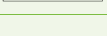
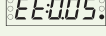
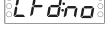
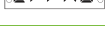
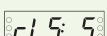
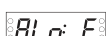
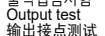
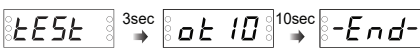


B 전류 관련 설정 / Current settings mode / 电流相关设定



C 보조기능 설정 / 辅助功能设定项目 / Assistant functions mode



MODE	Description	Range	Default	MODE	Description	Range	Default	MODE	Description	Range	Default
	암호설정 Password 设定密码	000 ~ 999 (when set to 000, password is invalid)	000		저전류 설정 Under current threshold 设定底电流值	05 range oFF, 0.5~oc 설정값 이하 80 range oFF, 5 ~ oc 설정값 이하	oFF	2) 	경보설정 이상의 전류가 흐르면 Close, 경보설정 이하의 전류가 흐르면 Open됨. If the detected current exceeds the Alarm setting, the contact will be closed Or, the contact is open.		
	모터 공급전압 상수 (3상, 단상) Select type of power network (3Phase, 1 phase) 电机供应电压常数 (3相, 单相)	1Ph, 3Ph	3Ph		저전류 동작 시간 Under current duration 设定底电流时运作时间	0.5~120	5	2) 	설정한 시간이 지나면 출력접점이 1초 Close, Open을 반복. The contact will be open and closed continuously every 2 minutes after the set time passed 若超过设定时间, 输出接点反复开关(Close, Open)一秒		
1) 	ET : In/Et 선택시 설정 가능 누설, 지락 보호 전류 설정 Earth leakage, ground fault protection current range setting 设定漏电流, 接地故障保护电流值	2.5 range 0.03 ~ 2.5A 10 range 1.0 ~ 10.0A	2.5		결상 / 缺相 Phase loss	on, oFF	oFF	2) 	저전류가 발생하면 Close됨. It is closed when a low current is detected. 若发生低电流, 就关闭(Close)		
1) 	누설, 지락 보호용 ZCT 선택 Type of ZCT for earth leakage, ground fault protection 选择漏电流, 接地故障保护用ZCT	●EZ- ●●●●● : Et , rc ●EBZ- ●●●●● : In , rc	Et In		결상 동작 시간 Phase loss duration 缺相动作时间	0.5~5	2	2) 	경보율설정 Alert threshold (% of oc) 设定警报率	50~100	50
	CT 비율 설정 CT's ratio / 设定外部CT比率				불평형 설정 Unbalance threshold 设定电流不平衡	oFF, 10~50	oFF	C-2 	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 reset only) E-r (Electric, Manual reset) A-r (Auto, Electric, Manual reset)	
3) 	1차 측 CT 비율 설정 Primary CT's ratio	1, 10 ~ 800	1		불평형 동작시간 Unbalance duration 不平衡动作时间	1~10	5		자동복귀시간 Auto reset timer 自动复位时间	0.5~20n	5
3) 	2차 측 CT 비율 설정 Secondary CT's ratio	1, 5	1		기동 중 구속 설정 Stall threshold (multiples of oc) 启动之中堵转设定	oFF, 2~8	oFF		30분내 자동복귀 허용횟수 Limit of auto reset in 30 minutes 30分钟内自动复位允许次数	oFF, 1~5	oFF
	관통횟수설정 Multi-turns	1, 2, 3, 4, 5	1		운전 중 구속 설정 Jam threshold (multiples of oc) 运转之中堵转设定	oFF, 1.5~8	oFF		총 운전 시간 Total running hour 总运作时间	0~99999	0
	모터 공급 정격 주파수 Rated frequency of Motor power 电机额定功率频率	50, 60	60		운전 중 구속 동작시간 Jam fault duration 运转之中设定堵转时间	0.5~10	5		운전시간 표시 Running hour 显示运作时间	0~99999	0
	Fail Safe 기능 선택 Set/Reset Fail safe mode 选择Fail Safe功能	oFF,on	oFF	4) 	출력범위설정 420 Output range threshold 设定输出范围	05 range 0.5 ~7 80 range 5 ~ 80	oFF		누적 운전 시간 경보 출력 기준시간 Timecut alarm threshold 累积运作时间的警报输出基准时间	oFF, 1~9990	oFF
	Star-Delta 모터 사용 선택 Select Star or Delta operating motors 选择Star-Delta电机使用	YE, no	no	1) 	지락 전류 설정 Ground fault threshold 设定接地过流	ET : In/Et 2.5 range : 0.03 ~ 2.5A 10 range : 1.0 ~ 10.0A ET : rc 0.5 ≤ oc < 2A : 100% 2A ≤ oc : 30~100%	oFF	5) 	PDM 연결상태 점검 Enable disconnection detection of PDM 检测PDM连接状态	YE, no	no
	과부하검출방식 Time-current characteristic 超负荷检测方式	no, dE, In, th	dE						내부 열용량값 초기화설정 设定内部热量值初始化 Initiate accumulated load power SET Button → clr:th → SET Button	th	th
	역상 / 逆相 Reversed phase detection	on, oFF	oFF	1) 	지락 동작시간 Ground fault duration 设定接地故障保护时间	ET : In/Et 0.03~10 ET : rc 0.5~10	1		저주파 운전 선택 / 低频运转设置 Select Enable Low Frequency Detection 低频运转设置	yE, no	no
	과전류 설정 Over current threshold 设定过电流	05 range dE/In/th : 0.5~7 80 range dE : 5~80 In/th : 5~32	5 10	1) 	지락 동작지연시간 Ground fault Starting delay 设定接地运作延迟时间	ET : In/Et 0~30 ET : rc 0~30	0 5	1) 	ET : In/Et 선택시 설정 가능 누설전류 고주파성분 필터링 기능 선택 在于过滤前后电流值的测量	yE, no	no
	기동 지연시간 Starting delay time 设定启动延迟时间	0~600	5	2)	이 모드를 선택시 경보 출력을 사용하지 않음. With this mode set, Alarm output is disable. 若选择该模式时不使用警报输出。				고장 정보 표시 Fault records 显示故障信息	3 records	
	과전류 동작 시간 Over current duration 设定过电流运作时间	0.5~120	5	2)	전류가 감지되면 07-08 출력접점이 Close됨. The contact 07-08 will be closed when the EOcr detects current 若感知电流, 07-08输出接点就关闭(Close).				Reset SW를 눌러 정상으로 복귀, 운전중 Test로 전환안됨. Press RESET to recover 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		
	반한시/열측적 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	2)	경보 설정(%) 이상의 전류가 흐르면 Close↔Open을 반복. The contact will be open and closed repeatedly when the detected current exceeds the Alarm setting 若发生超越警报设定值的电流, 就反复开关(Close↔Open).				 Test is Not applicable under normal operation		

□ 결선도 / Wiring / 接线图 * 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.

