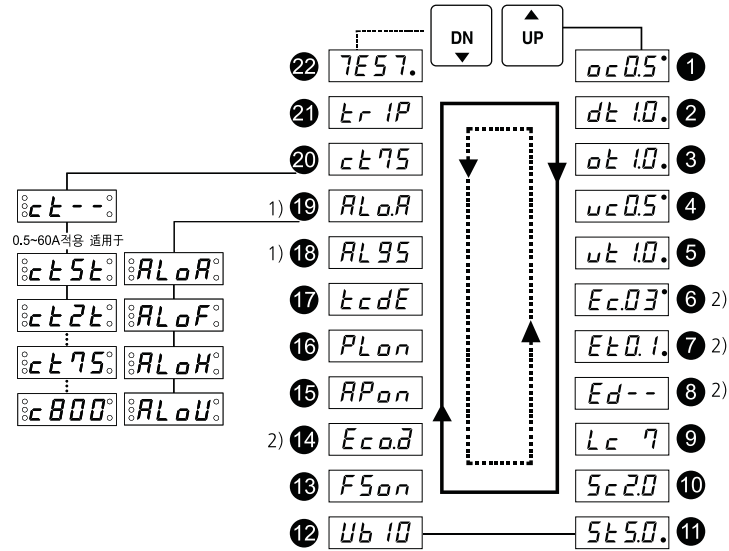
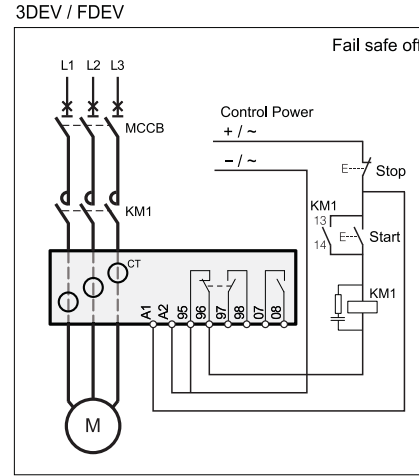


□ 기능설정순서 및 설정 메뉴 / Configuration Menu / 功能设定循序及设定菜单

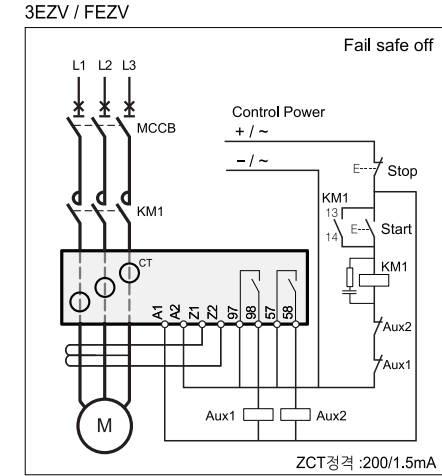


- 1) 이 기능은 3DEV, FDEV 제품에만 있음 / included in 3DEV, FDEV / 此功能只有3DEV, FDEV产品才有
2) 이 기능은 3EZV, FEZV 제품에만 있음 / included in 3EZV, FEZV / 此功能只有3EZV, FEZV产品才有

□ 결선도 / Wiring / 接线图



※ (ALL)
제어전원은 절연된 전원 사용.
It is highly recommended to use an isolated control power.
控制电源，请使用绝缘



※ (3EZV, FEZV)
ZCT 2차 출력단자에는 접지금지.
Do NOT connect the ZCT secondary circuit to ground.
请勿接地ZCT的二次输出端子

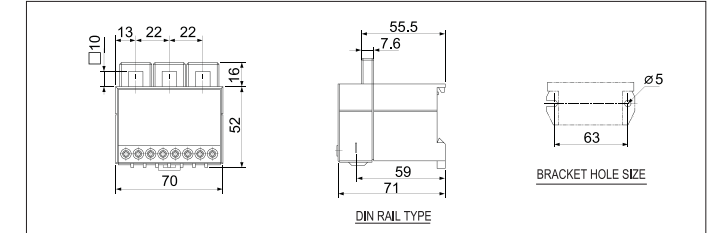
	(mm ²) AWG	(Inch) mm	(lb.in) N.m
	(1...2.5) 18...14	(5/16) 8	(7) 0.8

OFF(Mode 표시 : --)

MODE	Description	Range	Default	MODE	Description	Range	Default
1 oc 0.5	과전류 설정 Over current threshold 设定过电流	0.5~60A (외부CT 사용시 800A) (Use to 800A with external CT)	10	13 F5on	Fail Safe(NVR)	on, oFF	oFF
2 dt 1.0	기동지연시간 Starting delay time 设定启动延迟时间	1~200sec, oFF	10	14 Ecod	지락출력형태 Ground fault output type 选择接地输出接点	a또는 b접점 선택가능, 운전시 설정 불가함 Eco.b설정: 조작전원인가 후 57,58 Close접점이 됨. The contact type a or b is selectable During the EOCR's operation, any setting change is not applicable. Eco.b: The contact 57-58 closes only with the supply voltage applied. 可选择a或b接点, 运转时不可设定 Eco.b设定: 电源接通后接点为57,58Close.	a
3 ot 1.0	과전류 동작시간 Over current duration 设定过电流运作时间	0.5~0.9-1sec... (Definite) 1~30sec (Inverse)	5	15 RPon	역상 / 逆相 Reversed phase detection	on, oFF	on
4 uc 0.5	저전류 설정 Under current threshold 设定底电流值	0.5~59A, oFF	--	16 PLon	결상 / 缺相 Phase loss	on, oFF	on
5 ut 1.0	저전류 동작시간 Under current duration 设定底电流时运作时间	0.5~30sec	--	17 tcdE	동작특성 Operation curve 过电流保护动作时间特性	dE(definite), In(Inverse) 0.5~10A; dE/In 선택가능 11A이상 : dE사용 (외부CT사용시 제외) Over 11A: Use dE except that an external CT is installed dE(definite), In(Inverse) 0.5~10A; 可选择dE/In 11A以上: 采用dE (采用外部CT时除外)	dE
6 Ec 0.3	지락 전류 설정 Ground fault threshold 设定接地过流	0.02~3A	3.0	18 RL9S	경보율설정 Alert threshold 设定警报率	50%~100%, oFF	100
7 Et 0.1	지락 동작시간 Ground fault trip delay time 设定接地故障保护时间	0.05~10sec	1	19 ALoR	경보출력형태 Alert output type 警报输出形态	경보설정치 이상의 전류일때 07~08접점의 출력형태. The status of the contact 07-08 with the load over the alert setting 电流超越警告设定值时出现的07-08接点输出形态	A
8 Ed --	지락 동작지연시간 EF Starting delay 设定接地运作延迟时间	oFF, 1~10sec	1	20 ct75	CT변류비 설정 External CT ratio 设定CT电流比	Off-5t, 2t, 10-15-25-30-40-50-60-75-100-120 -150-200-250-300-400-500-600-750-800	--
9 Lc 7	기동 중 구속 설정 Stall threshold (multiples of oc) 启动之中堵转设定	0.5~10A : 과전류설정의 2~10배 Lc상한값 = 100/OC 설정값	10	21 tr IP	동작원인 확인 Cause of Trip 确认动作原因	1회에서 3회까지 확인 가능. The details are recorded in the lase three trips. 可确认至1~3次.	
10 Sc 2.0	운전 중 구속 설정 Jam threshold (multiples of oc) 运转之中堵转设定	0.5~10A : 과전류설정의 1.5~5배 Sc상한값 = 100/OC 설정값	5	22 7E57.	Test 운전중 Test로 전환안됨 运转中不能转换为Test模式	3sec 10sec 7E57. → ot 1.0 → End Test is Not applicable under normal operation	
11 St 5.0	운전 중 구속 동작시간 Jam fault duration 运转之中设定堵转时间	0.5, 1~10sec, oFF	5				
12 Ub 10	불평형 설정 Unbalance threshold 设定电流不平衡	5~50%, oFF	50				

□ 외형치수 / Dimensions / 外形尺寸

3DEV / 3EZV



FDEV / FEZV

