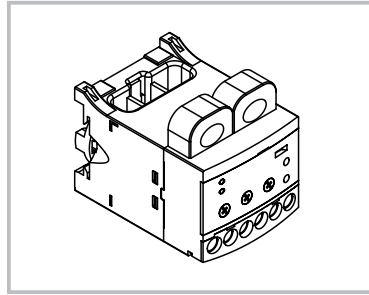


EOCR-SS

전자식 과부하 계전기
Electronic Overcurrent Relay



RD13-03-009_R2_2014.01
3090-SS000-10

Schneider
Electric

Customer
Care
Center

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⚠ 위험

제품 설치 및 보수전에 모든 전원을
차단하여 주십시오.
감전으로 심각한 상해 또는 사망의
원인이 됩니다.

⚠ DANGER

**HAZARD OF ELECTRIC SHOCK,
EXPLOSION, OR ARC FLASH**
Disconnect all power before servicing
equipment.

**Failure to follow these instructions
will result in death or serious injury.**

⚠ 危险

电击、爆炸或电弧危险

在检修设备之前, 请断开所有电源。

若违背这些说明,
则可能会导致严重的人身伤害甚至死亡。

주의 / WARNING

■ 모든 전기적인 설치 및 보수는 인증된
전기기술자의 의해서 작업되어야 합니다.
Authorized technical engineers only for
installation, maintenance or repair.

■ 주기적으로 제품의 작동상태를 확인하십시오.
특히 R형으로 설정된 제품사용시 자기진단 기능이
있습니다.

Check periodically whether products work properly.
Self-trip, especially, is not applicable if FS
(Fail Safety mode) is selected to R.

■ 제품 하자 무상보증기간은
당사의 물류센터 출하 후 18개월입니다.
18 months warranty from the date of shipment.

알림 / NOTE

매뉴얼은 www.schneider-electric.co.kr에서
다운로드 받으실 수 있습니다.

Visit our website at www.schneider-electric.co.kr
to download user manuals for the EOCRSS.

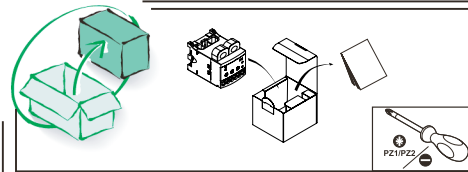
请访问我们的网站 www.schneider-electric.co.kr.
下载 EOCRSS 的用户手册或其它文档。

동작특성 / Operating characteristics

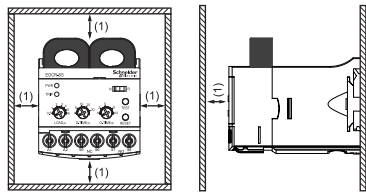
		EOCRSS-05	EOCRSS-30	EOCRSS-60
전류범위 / Current Range	LOAD	0.5...6A	3...30A	5...60A
기동시 부동작 시간 / Starting Time	D-TIME	0.5s, 1...30s	0.5s, 1...30s	0.5s, 1...30s
운전시 과부하동작 지연시간 / Overload Trip Delay Time	O-TIME	0.5s, 1...10s	0.5s, 1...10s	0.5s, 1...10s
60A이상은 05Type과 외부CT를 조합 (2차 전류5A사용) To use a load current above 60A, please combine a 05 with an external CT which secondary current is 5A. 조합형은 아래면의 "주문방법"을 참조하십시오. For more information about the combination, refer to "How to order" on the below.				
복귀방식 / Reset	수동, 전기적 복귀 / Manual (Reset button), Electrical Reset, t > 0.8s			
동작시간특성 / Trip Delay	정함시 / Definite			
동작표시 / Indicator	전원인가시 녹색 / Green LED for power 트립시 오렌지색 / Orange LED for trip			
정격입력전압 / Power Supply [Us]	EOCRSS - ●●S	EOCRSS - ●●W		
정격절연전압 / Rated Insulation Voltage [Ui]	Us 24...240VAC 50/60Hz	Us 380...440VAC 50/60Hz		
	Us 24...240VDC			
정격절연전압 / Rated Insulation Voltage [Ui]	Comply with IEC 60947-4-1	690V		
정격 임펄스 내전압 / Rated Impulse Withstand Voltage [Uimp]	Comply with UL and CSA	600V		
보조접점 / Contact Composition	1 NC+1 NO 3A/250VAC, 5A/30VDC, 저항부하 / Resistive			
보조접점상태 / Contact Status	N type	R type		
회로방식 / Mounting	Normally relay energized	De-energized		
	35mm DIN-Rail / Panel mounting			
소모전력 / Power Consumption	< 2W			
무게 / Weight	140g			

사용환경 / Environment

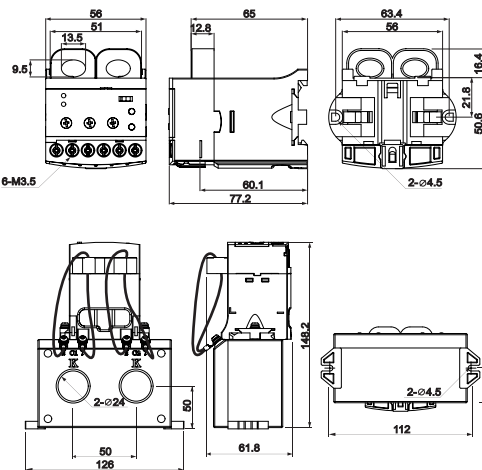
표준 / International Compliance		IEC 60947-4-1	
IP 등급 / Protection Degree		IP 20	
사용온도 / Ambient Temperature		보존시 / Storage	사용시 / Operation
		-30...80℃	-20...60℃ [IEC 60947-4-1]
사용고도 / Altitude		2000m	
내충격성 / Shock Resistance		15gn - 11ms	
내진동 / Vibration Resistance		4gn	
내전압 / Dielectric Strength	외함과 회로간 / Between enclosure and circuit block		2kV, 50/60Hz, 1 min
	접점 상호간 / Between contacts		1kV, 50/60Hz, 1 min
	회로간 / Between circuit blocks		2kV, 50/60Hz, 1 min
내서지 / Surge Withstand		6kV	
정전기 방전에 대한 내성 / Immunity to ESD (Electrostatic Discharge)		Air	8kV (level 3)
		Contact	6kV (level 3)
무선주파 방사내성 / Immunity to Radiated Radio-Frequency Disturbance		10V/m (level 3)	
과도전압 / Immunity to Fast Transients		2kV	
무선주파 내전도성 / Conducted Emissions		Class A	
Conducted HF Disturbance		10V	



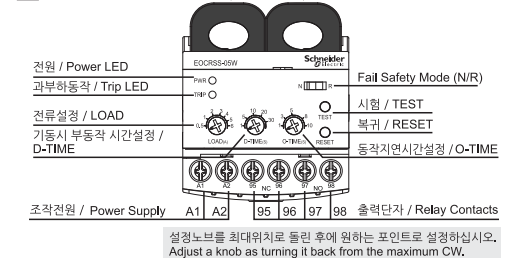
(1)	9mm (0.35 in) mini.	< 45 °C (< 113 °F)
	9...40mm (0.35...1.57 in) mini.	45...60 °C (113...140 °F)
	40mm (1.57 in) mini.	> 60 °C (> 140 °F)



□ 외형치수 / Dimensions



□ 외관 / Description



□ 동작표시 / LED Indication

조건 / Notification	PWR(Green LED)	TRIP(Orange LED)
전원인가 / Power on	On	Off
기동 중 / Load in starting, D-TIME	On	Off
정상운전 / Load in operation	On	Off
과부하 / Overload, O-TIME	On	On
과부하동작 / Overload trip	Off	On

Note 1 D-TIME 설정에 따라 과부하가 감출되어도 무시됨.
During D-TIME, all the detected overloads are ignored.

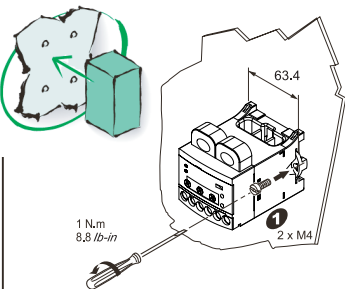
Note 2 설정치 이상의 과부하가 감출되어도 O-TIME설정시간 이후에 과부하 동작됨.
The indicator shows "Overload" notification while overloads are being detected.
The relay will be de-energized when overload trip delay time has passed.

□ 주문방법 / How to order

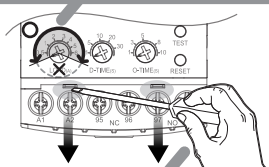
E O C R S S - 0 5 S

No	Type	전류범위 / Detectable Current Range	설명 / Description
①	표준형 Standard	05 0.5...6A 30 3...30A 60 5...60A	60A이상은 05Type과 외부CT 조합사용. Above 60A, use combination type.
	조합형 Combination with an external CT	D1 10...100A DH 15...150A D2 20...200A D3 30...300A D4 40...400A	100:5 2CT조합형 (100:5 CT combination) 150:5 2CT조합형 (150:5 CT combination) 200:5 2CT조합형 (200:5 CT combination) 300:5 2CT조합형 (300:5 CT combination) 400:5 2CT조합형 (400:5 CT combination)

②	조작전원 Power Supply	S 24...240VAC/DC W 380...440VAC	
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노브 회전시 과도한 범위로 회전하지 마십시오.
Do NOT use excessive range to rotate the knobs.



단자대 커버 분리시 두개의 홈을 이용하여 주십시오.
Remove the terminal block cover using the two holes.

