

MODEL

MR - RMS

DISPLAY & RTD TEMP' ALARM SET CONVERTER



This is a converter used for requiring contact output in response of high & low setting values at 2points by inputting RTD temperature sensor.

본 변환기는 RTD SENSOR를 입력하여 2POINT의 HIGH & LOW 설정값에 대응한 접점 출력을 필요로 하는 목적에 사용되는 변환기 입니다.

FEATURES

Small size(mm) : 83(H), 51(W), 102(D).
Isolation : input to output to power supply.
Power supply : AC or DC supply.
Wiring : terminal socket wiring.
Case & color : black ABS plastic case.
Weight : about 400g

INPUT SIGNAL SPECIFICATION

Input type : 3wire type.
Input signal : Pt50ohm or Pt100ohm.
Input range : -200 ~ 600'C
EXT current : 1.5mA/5VDC.

OUTPUT SIGNAL SPECIFICATION

Output type : dry contact or specify.
Output range : 120VAC @ 1A, 30VDC @ 1A.
Dead band : 1% of full scale.

INPUT SIGNAL	ALARM SET CONTACT	
	LOW SET	HIGH SET
RTD TEMP'	DRY CONTACT	DRY CONTACT
2(A), 3(B), 4(b)	5(B), 6(C), 7(A)	8(A), 9(C), 10(B)
L > INPUT < H	ON	OFF
L < INPUT < H	OFF	OFF
L < INPUT > H	OFF	ON
L > INPUT > H	ON	ON

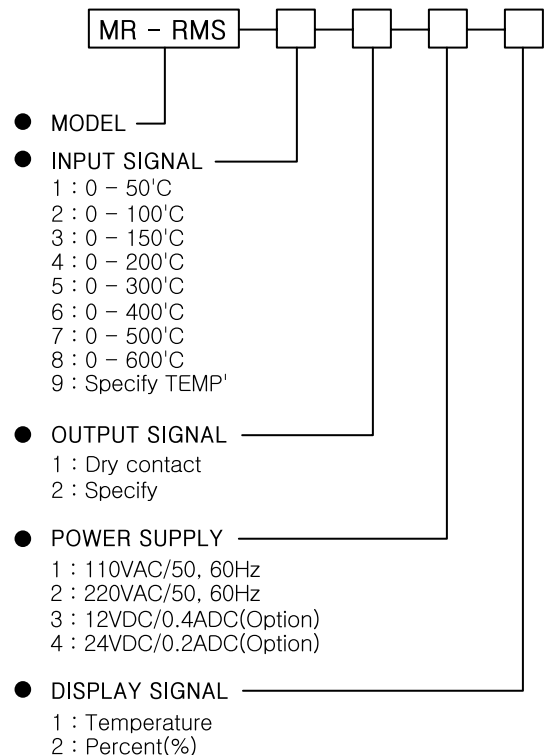
GENERAL SPECIFICATION

Operating ambient temperature : 0 ~ 50'C.
Non operating ambient temperature : -20 ~ 80'C.
Temperature coefficient : 0.015%/°C.
Operating ambient humidity : 90% RH max.(non condensing)
Insulation resistance : greater than 100Mohm with 500VDC.
Dielectric strength : 1500VAC @ 1minute (input to output to power).
Adjustment range : 0 ~ 100% (low & high).
Conversion accuracy : 0.15% max.
Response time : 0 ~ 90%(0.5sec).
Dead band error : 1% max.

DISPLAY

Type : 3 digit FND
Display font : red super bright
Display function : input or percent(%).
Display error : 1digit(LSB).

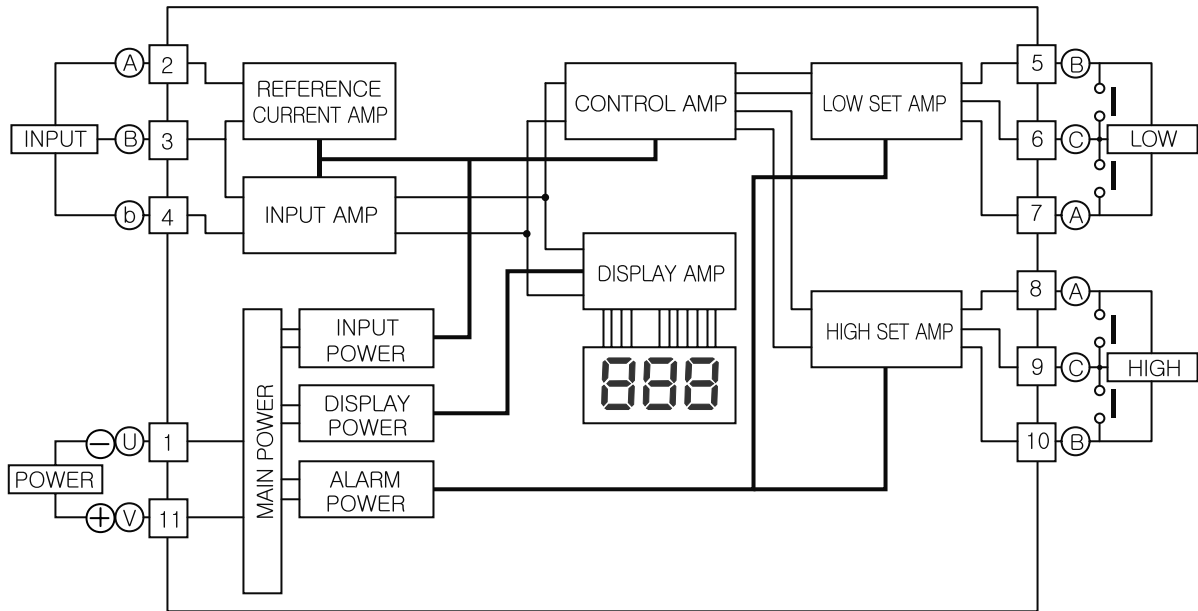
MODEL & SPECIFICATION CODE



DISPLAY & RTD TEMP' ALARM SET CONVERTER

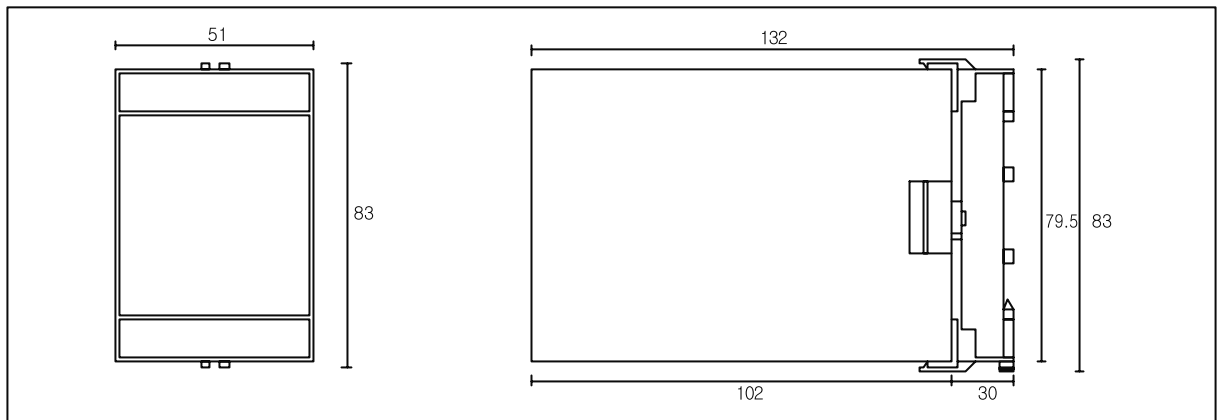
MODEL
MR - RMS

■ BLOCK DIAGRAM & PIN CONNECTION

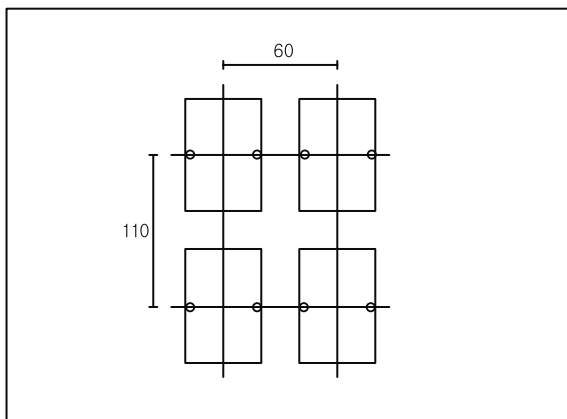


■ EXTERNAL DIMENSION, TERMINAL ARRANGEMENT & MOUNTING SPACE

DIMENSION'S (mm)



MOUNTING SPACE (mm)



SOCKET DIMENSION'S (mm) & TERMINAL ARRANGEMENT

