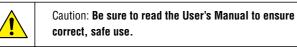
HINL HR series arrestor



The compact plug-in arrestors for indoor use are designed to keep the line closed after the main unit is disconnected from the terminal block for easier maintenance.

Model	description		
HR-DS	Two-wire system transmitter circuit, 4-20 mADC signal circuit, 1-5 VDC signal circuit		
HR-DP	Contact signal circuit, pulse signal circuit, 24 VDC power supply circuit		
HR-TC	Thermocouple circuit		
HR-TR	Resistance bulb circuit, potentiometer circuit		
HR-PS	For small current (for each instrument)	AC power supply circuit,	
HR-PW	For large current (for instrument and current)	AC contact signal circuit (100 VAC)	



correct, safe use.

Headquarters

Tel: +81-3-5379-2321

Contact information:

@Hitachi High-Tech Trading Corporation

Headquarters 1-24-14 Nishishinbashi Minato-ku, Tokyo, Japan 105-8418 Tel: +81-3-3504-7311 (direct inward dialing system)

Access our online catalog of products at the following URL http://www.hitachi-hitec-trading.com

Hitachi High-Tech Control Systems Corporation

Headquarters/plant 500 Miyucho Mito City, Ibaraki, Japan 319-0316 Tel: +81-29-257-5100 (main)

Access our online catalog of products at the following URL http://www.hitachi-hitec-hcs.com

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4-28-8 (PALT building)Yotsuya Shinjuku-ku, Tokyo, Japan 160-0004

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URL http://www.hisco.co.jp

Hitachi Signal Converters HINL Series

100TCA 100TRA 100MVA 100PRA 100DLA 100DRA 100ICA 100VIA 150TCA 150TRA 150MVA 150PRA 150DLA 150DRA 150ICA 150VIA 200TCA 200TRA 200MVA 200PRA 200DLA 200DRA 200**I**CA 200VIA 250TCA 250TRA 250MVA 250PRA 250DLA 250DRA 250ICA 250VIA



The HINL signal converter series has been renewed with new product lineups.

Features

- A variety of lineups for diversified applications
- Power consumption reduced by up to 30% compared to conventional models
- The design without aluminum electrolytic capacitors increased service life
- The dual-output models are equipped with two independent adjusting resistors for each point

Product lineups

Output	Main unit width	Model	Product
		100TCA	Thermocouple temperature converter
		100TRA	RTD temperature converter
		100MVA	mV/V/mA DC-DC converter
	Conventional size	100PRA	Potentiometer converter
	(50 mm)	100DLA	Distributor
		100DRA	Distributor (with square root extractor)
		100ICA	Isolator
Single		100VIA	V/mA DC-DC converter
output ^{*1}		150TCA	Thermocouple temperature converter
		150TRA	RTD temperature converter
		150MVA	mV/V/mA DC-DC converter
	Compact size (29 mm)	150PRA	Potentiometer converter
		150DLA	Distributor
		150DRA	Distributor (with square root extractor)
		150ICA	Isolator
		150VIA	V/mA DC-DC converter
		200TCA	Thermocouple temperature converter
		200TRA	RTD temperature converter
		200MVA	mV/V/mA DC-DC converter
	Conventional size	200PRA	Potentiometer converter
	(50 mm)	200DLA	Distributor
		200DRA	Distributor (with square root extractor)
Dual output ^{*2}		200ICA	Isolator
		200VIA	V/mA DC-DC converter
	Compact size (29 mm)	250TCA	Thermocouple temperature converter
		250TRA	RTD temperature converter
		250MVA	mV/V/mA DC-DC converter
		250PRA	Potentiometer converter
		250DLA	Distributor
		250DRA	Distributor (with square root extractor)
		250ICA	Isolator
		250VIA	V/mA DC-DC converter
: 4–20 mADC c : Both outputs	or 1–5 VDC are 4–20 mADC or 1–5 VDC	$\Big)$ To be selected upor	n placing the order

The technology evolved over the years is inherited In the enhanced reliability^{*3} and power saving property.^{*3} (*&: Compared to the company's other products)

External view and major specifications

Item	Conventional size		Compact size	
nom	100A series	200A series	150A series	250A series
External view			HITACHI	
	(The figure shows 100DLA)	(The figure shows 200DLA)	(The figure shows 150DLA)	(The figure shows 250DLA)
Output signal	Single output	Dual output	Single output	Dual output
	4-20 mADC or 1-5 VDC (to be selected upon placing the order)			
Outer dimensions (mm)	50 (W) x 85 (H) x 123 (D)	50 (W) x 85 (H) x 132 (D)	29 (W) x 76 (H) x 124 (D)	
Screw terminal socket	8PFA-W (M3.5 screw)	11PFA-W (M3.5 screw)	Dedicated 11P screw terminal socket (M3 screw)	
Weight (including screw terminal socket)	approx. 280 g	approx. 300 g	approx. 180 g	
Installation method	Din rail/wall mounting compatible			
Power supply	85-132 VAC or 24 VDC+/-10% (to be selected upon placing the order)			

Other HINL series models

HINL200A series digital alarm setter



Item	nd output alarm signals from up to four isolated relay contact points. Specification	
Model	220VAS-2A	220VAS-4A
Input point	1 point	
Output point	2 points	4 points
Contact type	SPDT (form C) contact	SPST-NO (form a) contact

HINL200A series computing units



1.20 m/DC/1.5 VDC analog signals, so

The compact plug-in type units receive signals from up to three points, execute a specified operation, and output the appropriate signals. The computing parameters are programmable using the model CMU-1 communicator

