

will be displayed when a platinum resistance thermometer is mistakenly connected put type is not set for it. To clear the SERR display, correct the wiring and cycle the

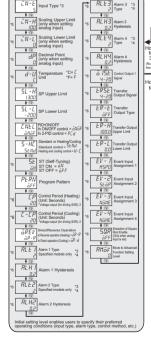
		Alarm output function		
Setting	Alarm type	Positive alarm value (X) Negative alarm value (X		
0	No alarm function	Output off		
1	Deviation upper/lower limit	ON CFF	Vary with "L", "H" values	
2	Deviation upper limit	ON SP	ON OFF SP	
3	Deviation lower limit	ON SP	ON XX -	
4	Deviation upper/lower range	ON OFF SP	Vary with "L", "H" values	
5	Deviation upper/lower limit standby sequence ON	ON SP	Vary with "L", "H" values	
6	Deviation upper limit standby sequence ON	ON TX	ON SP	
7	Deviation lower limit standby sequence ON	ON THE SP	ON SP	
8	Absolute value upper limit	ON OFF	ON NOTE OF	
9	Absolute value lower limit	ON OFF	ON OFF	
10	Absolute value upper limit standby sequence ON	ON -X-	ON OFF	
-11	Absolute value lower limit standby sequence ON	ON OFF	ON OFF	
12	LBA (only for alarm 1)			
13	PV Change Rate Alarm			
14	SP absolute value upper limit	ON H-XH	ON OFF	
15	SP absolute value lower limit	ON HIC	ON OFF	
16	MV absolute value upper limit	ON HONE	ON OFF	
17	MV absolute value lower limit	ON OFF	ON OFF	
18	RSP absolute value upper limit	ON PAR	ON OFF	
19	RSP absolute value lower limit	ON HIE	ON -X-X	

\*1: Upper and lower limits can be set for parameters 1, 4 and 5 to provide for different types of alarm. These are indicated by the letter 1" and \*1".

The default alarm type is "2"

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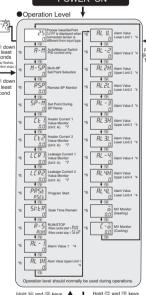
This is a class A product.
In residential areas it may cause radio interference, in which case the user may be required to take adequate measures to reduce interference.
A 급 기기 (업무용 방송용신기자목)
이 기가는 업무유스 및 전자파적업기기로서 만역자또는 사용자는 이 점을 주의하시기 바리며, 가정외의자역에서 사용하는 것을 목적으로 합니다.



## ⚠ Conformance to Safety Standard ion is provided between input pouts, and between other terminals. Do not allow temporary overvoltages on the primary circu the following values. Check the power supply voltage to the Digital Controller. Short-term overvoltage: 1,200 V + (Power supply voltage) Long-term overvoltage: 250 V + (Power supply voltage)

Always externally connect the recommended fuse that is spec n the Instruction Manual before you use the Digital Controller. 

The protection provided by the Digital Controller may be impaired if the Digital Controller is used in a manner that is not specified by the



Hold ☐ and ⓓ keys down for at least 1 second Hold ☐ and ㉑ keys down for at least 3 seconds Protect Level EHEP Changed PMS//

PMS//
PMS//
PMS//
Enable
Displayed only
which a parameter
which a parameter
PRLP
Password to Mo
to Protect Level → moving to Pro

→ ⊕ Operation / Adjus

□ RPE Restricts dispi
modifying me ₩₽ PE

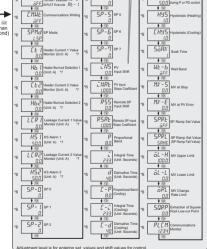
\*3. Refer to the adjoining tables for details of input types and alarm types. 4 Againstable city to models with alarm functions.
\*4. Againstable city to models with alarm functions.
\*5. The state of the state

Other functions

■ OTHER TURCHORTS

Refer to the ES-IC Digital Controllers User's Manual (Cat. No. H174) for information on the Advanced Function Setting Level, Manual Control Level, and other functions.

Refer to the ES-IC Digital Controllers Communications Manual (Cat. No. H175) for information on communications.



●Error Display (troubleshooting)

No.1 display	Meaning	Action	Status at error			
			Control output	Alarm		
S.ERR (S. Err)	Input error	Check the setting of the Input Type parameter, check the input Wring, and check for broken or shorts in the temperature sensor.	OFF	Operates as above the upper limit.		
E 333 (E333)	A/D converter error *2	After the correction of A/D converter error, turn the power OFF then back ON again. If the display remains the same, the controller must be repaired. If the display is restored to normal, then a probable cause can be external noise affecting the control system. Check for external noise.	OFF	OFF		
E I I I (E111)	Memory error	Turn the power OFF then back ON again. If the display remains the same, the controller must be repaired. If the display is restored to normal, then a probable cause can be external noise affecting the control system. Check for external noise.	OFF	OFF		
If the input value exceeds the display limit (-1999 to 9999), though it is within the contro						

the input value exceeds the display limit (1999 to 1999), mough it is within the input, [Ecc.] will be displayed under 1999 and [2523] ablove 9999. Under these con-britor output and alarm output will operate normally. effect to the ESI. Or Digital Controllers User's Manual (Cat. No. H174) for the controllable Error shown only for "Process value / Set point". Not shown for other status.

OMRON EUROPE B.V. Wegalaan 67-69, NL-2132 JD Hoofddorp The Netherlands Phone 31-2356-81-300

Phone 1-947-943-7900

FINA 1-947-943-7787

OMIRON ASIA PACIFIC PTE. LTD.

No. 438A Alexandra Road # 05-05/08 (Lobby 2),

Alexandra Technopark, Singapore 119967

Phone 65-863-3-271 OMRON Corporation Shiokoji Horikawa, Shimogyo-ku, Kyoto 600-8530 JAPAN