

**(4) Serial pulse coder
(SPC) alarms**

When either of the following alarms is issued, a possible cause is a faulty serial pulse coder or cable.

Number	Message	Contents
350	SPC ALARM: n AXIS PULSE CODER	The n axis (axis 1–8) pulse coder has a fault. Refer to diagnosis display No. 202 and No. 204 for details.
351	SPC ALARM: n AXIS COMMUNICATION	n axis (axis 1–8) serial pulse coder communication error (data transmission fault) Refer to diagnosis display No. 203 for details.

- **The details of serial pulse coder alarm No.350**

	#7	#6	#5	#4	#3	#2	#1	#0
202		CSA	BLA	PHA	PCA	BZA	CKA	SPH

- #6 (CSA) : Check sum alarm has occurred.
- #5 (BLA) : Battery low alarm has occurred.
- #4 (PHA) : Phase data trouble alarm has occurred.
- #3 (PCA) : Speed count trouble alarm has occurred.
- #2 (BZA) : Battery zero alarm has occurred.
- #1 (CKA) : Clock alarm has occurred.
- #0 (SPH) : Soft phase data trouble alarm has occurred.

- **The details of serial pulse coder alarm No.351**

	#7	#6	#5	#4	#3	#2	#1	#0
203	DTE	CRC	STB					

- #7 (DTE) : Data error has occurred.
- #6 (CRC) : CRC error has occurred.
- #5 (STB) : Stop bit error has occurred.