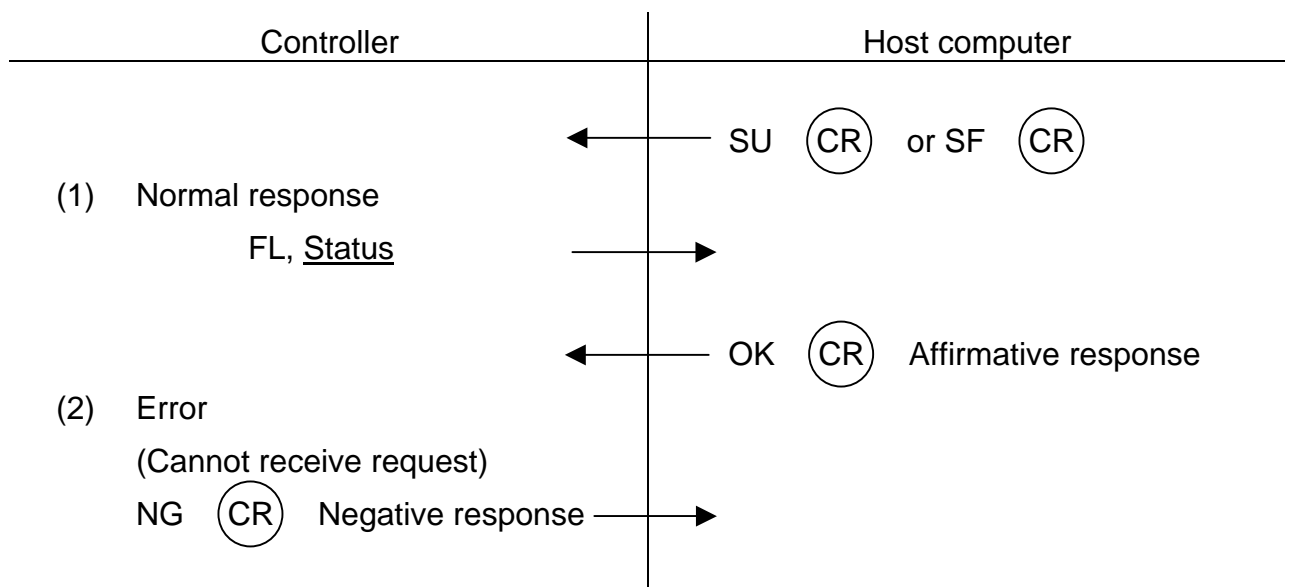| : Status Request | (Host computer $\rightarrow$ Controller) | SU |
| : System Total Status Request | (Host computer $\rightarrow$ Controller) | SF |

Format

SU (CR)   Status information

SF (CR)   System total status information

Function

The SU command is used to send the internal status (state) of the controller to the host computer.　For information on the contents of status file to be transmitted, see the FL (File) command.

Protocol

Controller		Host computer

SU (CR)　or SF (CR)

(1)　Normal response

FL, <u>Status</u>

OK (CR)　Affirmative response

(2)　Error

(Cannot receive request)

NG (CR)　Negative response

Note

Put in a delay of about 50 msec until the host computer sends an affirmative response OK to the controller after the host computer has received the status command.

: File   (Host computer ↔ Controller)   FL

| Format |

| FL, file contents EOF |

- If the data exceeds one text field or 253 bytes, the data is transmitted in two or more texts, as shown below.

| FL, | file contents 1 | | File contents 2 | | File contents 3 | EOF |

- EOF (End of File): File end code (0x1A) ⎯ 1 byte
  The STX, ETX, and SUM (if checksum exists) are attached to each text.

| Descriptions |

The FL command is used as a response command to the command given beforehand.

1. File types and contents

    1.1   Types

Description	Corresponding command
RAM file	UL, DL
File directory	CA
Status	SU
Error history	EU
System total status	SF
Version information	VR
Memory read data	MR

(5)   System total status
The following information is transmitted as the system total status information in the binary notation (250 bytes).

Motion status	I/O information	Current value data
52 bytes	64 bytes	134 bytes

Detailed data of each group are tabled below.

I)   Motion status

No.	Name	Size (byte)	Description
1	Servo power status	1	0: OFF, 1: ON
2	EMERGENCY stop switch status	1	0: OFF, 1: ON
3	Motion status	1	0: STOP (RESET) 1: RUN 2: STOP (RETRY) 3: STOP (CONT)
4	SU command request	1	0: Without request, 1: With request
5	Current alarm information	2 × 10 pcs.	Error of level 8: 1 ~ 367 Error of level 4: 368 ~ 511 Error of level 2: 512 ~ 735 Error of level 1: 736 ~ 895 Other than above: No error
6	Program execution line	2	Line number during program execution
7	Program analysis line	2	Line number during program analysis
8	Program execution task	2	Task number during program execution
9	Program analysis task	2	Task number during program analysis
10	Feed hold status	2	0: OFF, 1: ON
11	Guidance coordinate system status	2	0: Joint, 1: Tool, 2: Work, 3: World
12	Guide rate status	2	0: Slow, 1: Mid, 2: Fast
13	Guide mode status	2	0: Jog, 1: Inching, 2: Free
14	Master mode status	2	0: TEACHING mode, 1: INTERNAL mode 2: EXT (SIG) mode, 3: EXT (HOST) mode
15	Dummy	2	Reserved
16	Power ON time	4	Unit: Min.
17	Program run time	4	Unit: Min.
	Total	52	

II)   I/O information

No.	Name	Size (byte)	Description		
1	General input 1	2			

Bit	Line No.	Signal name
0	Din1	General input
1	Din2	General input
2	Din3	General input
3	Din4	General input
4	Din5	General input
5	Din6	General input
6	Din7	General input
7	Din8	General input
8	Din9	General input
9	Din10	General input
10	Din11	General input
11	Din12	General input
12	Din13	General input
13	Din14	General input
14	Din15	General input
15	Din16	General input

No.	Name	Size (byte)
2	General input 2	2

Bit	Line No.	Signal name
0	Din17	General input
1	Din18	General input
2	Din19	General input
3	Din20	General input
4	Din21	General input
5	Din22	General input
6	Din23	General input
7	Din24	General input
8	Din25	General input
9	Din26	General input
10	Din27	General input
11	Din28	General input
12	Din29	General input
13	Din30	General input
14	Din31	General input
15	Din32	General input

No.	Name	Size (byte)	Description
3	General input 3	2	<table><tr><td>Bit</td><td>Line No.</td><td>Signal name</td></tr><tr><td>0</td><td>Din33</td><td>General input</td></tr><tr><td>1</td><td>Din34</td><td>General input</td></tr><tr><td>2</td><td>Din35</td><td>General input</td></tr><tr><td>3</td><td>Din36</td><td>General input</td></tr><tr><td>4</td><td>Din37</td><td>General input</td></tr><tr><td>5</td><td>Din38</td><td>General input</td></tr><tr><td>6</td><td>Din39</td><td>General input</td></tr><tr><td>7</td><td>Din40</td><td>General input</td></tr><tr><td>8</td><td>Din41</td><td>General input</td></tr><tr><td>9</td><td>Din42</td><td>General input</td></tr><tr><td>10</td><td>Din43</td><td>General input</td></tr><tr><td>11</td><td>Din44</td><td>General input</td></tr><tr><td>12</td><td>Din45</td><td>General input</td></tr><tr><td>13</td><td>Din46</td><td>General input</td></tr><tr><td>14</td><td>Din47</td><td>General input</td></tr><tr><td>15</td><td>Din48</td><td>General input</td></tr></table>
4	General input 4	2	<table><tr><td>Bit</td><td>Line No.</td><td>Signal name</td></tr><tr><td>0</td><td>Din49</td><td>General input</td></tr><tr><td>1</td><td>Din50</td><td>General input</td></tr><tr><td>2</td><td>Din51</td><td>General input</td></tr><tr><td>3</td><td>Din52</td><td>General input</td></tr><tr><td>4</td><td>Din53</td><td>General input</td></tr><tr><td>5</td><td>Din54</td><td>General input</td></tr><tr><td>6</td><td>Din55</td><td>General input</td></tr><tr><td>7</td><td>Din56</td><td>General input</td></tr><tr><td>8</td><td>Din57</td><td>General input</td></tr><tr><td>9</td><td>Din58</td><td>General input</td></tr><tr><td>10</td><td>Din59</td><td>General input</td></tr><tr><td>11</td><td>Din60</td><td>General input</td></tr><tr><td>12</td><td>Din61</td><td>General input</td></tr><tr><td>13</td><td>Din62</td><td>General input</td></tr><tr><td>14</td><td>Din63</td><td>General input</td></tr><tr><td>15</td><td>Din64</td><td>General input</td></tr></table>

No.	Name	Size (byte)	Description
5	Extension input 1	2	<table><tr><td>Bit</td><td>Line No.</td><td>Signal name</td></tr><tr><td>0</td><td>Din101</td><td>Extension input</td></tr><tr><td>1</td><td>Din102</td><td>Extension input</td></tr><tr><td>2</td><td>Din103</td><td>Extension input</td></tr><tr><td>3</td><td>Din104</td><td>Extension input</td></tr><tr><td>4</td><td>Din105</td><td>Extension input</td></tr><tr><td>5</td><td>Din106</td><td>Extension input</td></tr><tr><td>6</td><td>Din107</td><td>Extension input</td></tr><tr><td>7</td><td>Din108</td><td>Extension input</td></tr><tr><td>8</td><td>Din110</td><td>Extension input</td></tr><tr><td>9</td><td>Din110</td><td>Extension input</td></tr><tr><td>10</td><td>Din111</td><td>Extension input</td></tr><tr><td>11</td><td>Din112</td><td>Extension input</td></tr><tr><td>12</td><td>Din113</td><td>Extension input</td></tr><tr><td>13</td><td>Din114</td><td>Extension input</td></tr><tr><td>14</td><td>Din115</td><td>Extension input</td></tr><tr><td>15</td><td>Din116</td><td>Extension input</td></tr></table>
6	Extension input 2	2	<table><tr><td>Bit</td><td>Line No.</td><td>Signal name</td></tr><tr><td>0</td><td>Din117</td><td>Extension input</td></tr><tr><td>1</td><td>Din118</td><td>Extension input</td></tr><tr><td>2</td><td>Din119</td><td>Extension input</td></tr><tr><td>3</td><td>Din120</td><td>Extension input</td></tr><tr><td>4</td><td>Din121</td><td>Extension input</td></tr><tr><td>5</td><td>Din122</td><td>Extension input</td></tr><tr><td>6</td><td>Din123</td><td>Extension input</td></tr><tr><td>7</td><td>Din124</td><td>Extension input</td></tr><tr><td>8</td><td>Din125</td><td>Extension input</td></tr><tr><td>9</td><td>Din126</td><td>Extension input</td></tr><tr><td>10</td><td>Din127</td><td>Extension input</td></tr><tr><td>11</td><td>Din128</td><td>Extension input</td></tr><tr><td>12</td><td>Din129</td><td>Extension input</td></tr><tr><td>13</td><td>Din130</td><td>Extension input</td></tr><tr><td>14</td><td>Din131</td><td>Extension input</td></tr><tr><td>15</td><td>Din132</td><td>Extension input</td></tr></table>

No.	Name	Size (byte)	Description
7	Extension input 3	2	

Bit	Line No.	Signal name
0	Din133	Extension input
1	Din134	Extension input
2	Din135	Extension input
3	Din136	Extension input
4	Din137	Extension input
5	Din138	Extension input
6	Din139	Extension input
7	Din140	Extension input
8	Din141	Extension input
9	Din142	Extension input
10	Din143	Extension input
11	Din144	Extension input
12	Din145	Extension input
13	Din146	Extension input
14	Din147	Extension input
15	Din148	Extension input

No.	Name	Size (byte)	Description
8	Extension input 4	2	

Bit	Line No.	Signal name
0	Din149	Extension input
1	Din150	Extension input
2	Din151	Extension input
3	Din152	Extension input
4	Din153	Extension input
5	Din154	Extension input
6	Din155	Extension input
7	Din156	Extension input
8	Din157	Extension input
9	Din158	Extension input
10	Din159	Extension input
11	Din160	Extension input
12	Din161	Extension input
13	Din162	Extension input
14	Din163	Extension input
15	Din164	Extension input

No.	Name	Size (byte)	Description
9	System input 1	2	

Bit	Line No.	Signal name
0	Din201	Hand input
1	Din202	Hand input
2	Din203	Hand input
3	Din204	Hand input
4	Din205	Hand input
5	Din206	Hand input
6	Din207	Hand input
7	Din208	Hand input
8	Din210	
9	Din210	
10	Din211	
11	Din212	
12	Din213	
13	Din214	
14	Din215	
15	Din216	

No.	Name	Size (byte)	Description
10	System input 2	2	

Bit	Line No.	Signal name
0	Din217	Alarm of level 8
1	Din218	Alarm of level 8
2	Din219	Alarm of level 8
3	Din220	Alarm of level 8
4	Din221	Alarm of level 4
5	Din222	Alarm of level 4
6	Din223	Alarm of level 4
7	Din224	Alarm of level 4
8	Din225	Alarm of level 2
9	Din226	Alarm of level 2
10	Din227	Alarm of level 2
11	Din228	Alarm of level 2
12	Din229	Alarm of level 1
13	Din230	Alarm of level 1
14	Din231	Alarm of level 1
15	Din232	Alarm of level 1

No.	Name	Size (byte)	Description
11	System input 3	2	

Bit	Line No.	Signal name
0	Din233	
1	Din234	
2	Din235	
3	Din236	
4	Din237	
5	Din238	
6	Din239	
7	Din240	
8	Din241	
9	Din242	
10	Din243	
11	Din244	
12	Din245	
13	Din246	
14	Din247	
15	Din248	

No.	Name	Size (byte)	Description
12	System input 4	2	

Bit	Line No.	Signal name
0	Din249	STROBE
1	Din250	PRG_RST
2	Din251	STEP_RST
3	Din252	CYC_RST
4	Din253	DO_RST
5	Din254	ALM_RST
6	Din255	RUN
7	Din256	EX_SVON
8	Din257	STOP
9	Din258	CYCLE
10	Din259	LOW_SPD
11	Din260	BREAK
12	Din261	SVOFF
13	Din262	
14	Din263	
15	Din264	

No.	Name	Size (byte)	Description
13	System reservation	2	

Bit	Line No.	Signal name
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

No.	Name	Size (byte)	Description
14	System reservation	2	

Bit	Line No.	Signal name
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

No.	Name	Size (byte)	Description
15	System reservation	2	<table><tr><th>Bit</th><th>Line No.</th><th>Signal name</th></tr><tr><td>0</td><td></td><td></td></tr><tr><td>1</td><td></td><td></td></tr><tr><td>2</td><td></td><td></td></tr><tr><td>3</td><td></td><td></td></tr><tr><td>4</td><td></td><td></td></tr><tr><td>5</td><td></td><td></td></tr><tr><td>6</td><td></td><td></td></tr><tr><td>7</td><td></td><td></td></tr><tr><td>8</td><td></td><td></td></tr><tr><td>9</td><td></td><td></td></tr><tr><td>10</td><td></td><td></td></tr><tr><td>11</td><td></td><td></td></tr><tr><td>12</td><td></td><td></td></tr><tr><td>13</td><td></td><td></td></tr><tr><td>14</td><td></td><td></td></tr><tr><td>15</td><td></td><td></td></tr></table>
16	System reservation	2	<table><tr><th>Bit</th><th>Line No.</th><th>Signal name</th></tr><tr><td>0</td><td></td><td></td></tr><tr><td>1</td><td></td><td></td></tr><tr><td>2</td><td></td><td></td></tr><tr><td>3</td><td></td><td></td></tr><tr><td>4</td><td></td><td></td></tr><tr><td>5</td><td></td><td></td></tr><tr><td>6</td><td></td><td></td></tr><tr><td>7</td><td></td><td></td></tr><tr><td>8</td><td></td><td></td></tr><tr><td>9</td><td></td><td></td></tr><tr><td>10</td><td></td><td></td></tr><tr><td>11</td><td></td><td></td></tr><tr><td>12</td><td></td><td></td></tr><tr><td>13</td><td></td><td></td></tr><tr><td>14</td><td></td><td></td></tr><tr><td>15</td><td></td><td></td></tr></table>

No.	Name	Size (byte)	Description
17	General output 1	2	

Bit	Line No.	Signal name
0	Dout1	General output
1	Dout2	General output
2	Dout3	General output
3	Dout4	General output
4	Dout5	General output
5	Dout6	General output
6	Dout7	General output
7	Dout8	General output
8	Dout9	General output
9	Dout10	General output
10	Dout11	General output
11	Dout12	General output
12	Dout13	General output
13	Dout14	General output
14	Dout15	General output
15	Dout16	General output

No.	Name	Size (byte)	Description
18	General output 2	2	

Bit	Line No.	Signal name
0	Dout17	General output
1	Dout18	General output
2	Dout19	General output
3	Dout20	General output
4	Dout21	General output
5	Dout22	General output
6	Dout23	General output
7	Dout24	General output
8	Dout25	General output
9	Dout26	General output
10	Dout27	General output
11	Dout28	General output
12	Dout29	General output
13	Dout30	General output
14	Dout31	General output
15	Dout32	General output

No.	Name	Size (byte)	Description
19	General output 3	2	<table><tr><td>Bit</td><td>Line No.</td><td>Signal name</td></tr><tr><td>0</td><td>Dout33</td><td>General output</td></tr><tr><td>1</td><td>Dout34</td><td>General output</td></tr><tr><td>2</td><td>Dout35</td><td>General output</td></tr><tr><td>3</td><td>Dout36</td><td>General output</td></tr><tr><td>4</td><td>Dout37</td><td>General output</td></tr><tr><td>5</td><td>Dout38</td><td>General output</td></tr><tr><td>6</td><td>Dout39</td><td>General output</td></tr><tr><td>7</td><td>Dout40</td><td>General output</td></tr><tr><td>8</td><td>Dout41</td><td>General output</td></tr><tr><td>9</td><td>Dout42</td><td>General output</td></tr><tr><td>10</td><td>Dout43</td><td>General output</td></tr><tr><td>11</td><td>Dout44</td><td>General output</td></tr><tr><td>12</td><td>Dout45</td><td>General output</td></tr><tr><td>13</td><td>Dout46</td><td>General output</td></tr><tr><td>14</td><td>Dout47</td><td>General output</td></tr><tr><td>15</td><td>Dout48</td><td>General output</td></tr></table>
20	General output 4	2	<table><tr><td>Bit</td><td>Line No.</td><td>Signal name</td></tr><tr><td>0</td><td>Dout49</td><td>General output</td></tr><tr><td>1</td><td>Dout50</td><td>General output</td></tr><tr><td>2</td><td>Dout51</td><td>General output</td></tr><tr><td>3</td><td>Dout52</td><td>General output</td></tr><tr><td>4</td><td>Dout53</td><td>General output</td></tr><tr><td>5</td><td>Dout54</td><td>General output</td></tr><tr><td>6</td><td>Dout55</td><td>General output</td></tr><tr><td>7</td><td>Dout56</td><td>General output</td></tr><tr><td>8</td><td>Dout57</td><td>General output</td></tr><tr><td>9</td><td>Dout58</td><td>General output</td></tr><tr><td>10</td><td>Dout59</td><td>General output</td></tr><tr><td>11</td><td>Dout60</td><td>General output</td></tr><tr><td>12</td><td>Dout61</td><td>General output</td></tr><tr><td>13</td><td>Dout62</td><td>General output</td></tr><tr><td>14</td><td>Dout63</td><td>General output</td></tr><tr><td>15</td><td>Dout64</td><td>General output</td></tr></table>

No.	Name	Size (byte)	Description
21	Extension output 1	2	<table><tr><th>Bit</th><th>Line No.</th><th>Signal name</th></tr><tr><td>0</td><td>Dout101</td><td>Extension output</td></tr><tr><td>1</td><td>Dout102</td><td>Extension output</td></tr><tr><td>2</td><td>Dout103</td><td>Extension output</td></tr><tr><td>3</td><td>Dout104</td><td>Extension output</td></tr><tr><td>4</td><td>Dout105</td><td>Extension output</td></tr><tr><td>5</td><td>Dout106</td><td>Extension output</td></tr><tr><td>6</td><td>Dout107</td><td>Extension output</td></tr><tr><td>7</td><td>Dout108</td><td>Extension output</td></tr><tr><td>8</td><td>Dout110</td><td>Extension output</td></tr><tr><td>9</td><td>Dout110</td><td>Extension output</td></tr><tr><td>10</td><td>Dout111</td><td>Extension output</td></tr><tr><td>11</td><td>Dout112</td><td>Extension output</td></tr><tr><td>12</td><td>Dout113</td><td>Extension output</td></tr><tr><td>13</td><td>Dout114</td><td>Extension output</td></tr><tr><td>14</td><td>Dout115</td><td>Extension output</td></tr><tr><td>15</td><td>Dout116</td><td>Extension output</td></tr></table>
22	Extension output 2	2	<table><tr><th>Bit</th><th>Line No.</th><th>Signal name</th></tr><tr><td>0</td><td>Dout117</td><td>Extension output</td></tr><tr><td>1</td><td>Dout118</td><td>Extension output</td></tr><tr><td>2</td><td>Dout119</td><td>Extension output</td></tr><tr><td>3</td><td>Dout120</td><td>Extension output</td></tr><tr><td>4</td><td>Dout121</td><td>Extension output</td></tr><tr><td>5</td><td>Dout122</td><td>Extension output</td></tr><tr><td>6</td><td>Dout123</td><td>Extension output</td></tr><tr><td>7</td><td>Dout124</td><td>Extension output</td></tr><tr><td>8</td><td>Dout125</td><td>Extension output</td></tr><tr><td>9</td><td>Dout126</td><td>Extension output</td></tr><tr><td>10</td><td>Dout127</td><td>Extension output</td></tr><tr><td>11</td><td>Dout128</td><td>Extension output</td></tr><tr><td>12</td><td>Dout129</td><td>Extension output</td></tr><tr><td>13</td><td>Dout130</td><td>Extension output</td></tr><tr><td>14</td><td>Dout131</td><td>Extension output</td></tr><tr><td>15</td><td>Dout132</td><td>Extension output</td></tr></table>

No.	Name	Size (byte)	Description
23	Extension output 3	2	<table><tr><td>Bit</td><td>Line No.</td><td>Signal name</td></tr><tr><td>0</td><td>Dout133</td><td>Extension output</td></tr><tr><td>1</td><td>Dout134</td><td>Extension output</td></tr><tr><td>2</td><td>Dout135</td><td>Extension output</td></tr><tr><td>3</td><td>Dout136</td><td>Extension output</td></tr><tr><td>4</td><td>Dout137</td><td>Extension output</td></tr><tr><td>5</td><td>Dout138</td><td>Extension output</td></tr><tr><td>6</td><td>Dout139</td><td>Extension output</td></tr><tr><td>7</td><td>Dout140</td><td>Extension output</td></tr><tr><td>8</td><td>Dout141</td><td>Extension output</td></tr><tr><td>9</td><td>Dout142</td><td>Extension output</td></tr><tr><td>10</td><td>Dout143</td><td>Extension output</td></tr><tr><td>11</td><td>Dout144</td><td>Extension output</td></tr><tr><td>12</td><td>Dout145</td><td>Extension output</td></tr><tr><td>13</td><td>Dout146</td><td>Extension output</td></tr><tr><td>14</td><td>Dout147</td><td>Extension output</td></tr><tr><td>15</td><td>Dout148</td><td>Extension output</td></tr></table>
24	Extension output 4	2	<table><tr><td>Bit</td><td>Line No.</td><td>Signal name</td></tr><tr><td>0</td><td>Dout149</td><td>Extension output</td></tr><tr><td>1</td><td>Dout150</td><td>Extension output</td></tr><tr><td>2</td><td>Dout151</td><td>Extension output</td></tr><tr><td>3</td><td>Dout152</td><td>Extension output</td></tr><tr><td>4</td><td>Dout153</td><td>Extension output</td></tr><tr><td>5</td><td>Dout154</td><td>Extension output</td></tr><tr><td>6</td><td>Dout155</td><td>Extension output</td></tr><tr><td>7</td><td>Dout156</td><td>Extension output</td></tr><tr><td>8</td><td>Dout157</td><td>Extension output</td></tr><tr><td>9</td><td>Dout158</td><td>Extension output</td></tr><tr><td>10</td><td>Dout159</td><td>Extension output</td></tr><tr><td>11</td><td>Dout160</td><td>Extension output</td></tr><tr><td>12</td><td>Dout161</td><td>Extension output</td></tr><tr><td>13</td><td>Dout162</td><td>Extension output</td></tr><tr><td>14</td><td>Dout163</td><td>Extension output</td></tr><tr><td>15</td><td>Dout164</td><td>Extension output</td></tr></table>

No.	Name	Size (byte)	Description
25	System output 1	2	

Bit	Line No.	Signal name
0	Dout201	Hand output
1	Dout202	Hand output
2	Dout203	Hand output
3	Dout204	Hand output
4	Dout205	Hand output
5	Dout206	Hand output
6	Dout207	Hand output
7	Dout208	Hand output
8	Dout210	
9	Dout210	
10	Dout211	
11	Dout212	
12	Dout213	
13	Dout214	
14	Dout215	
15	Dout216	

No.	Name	Size (byte)	Description
26	System output 2	2	

Bit	Line No.	Signal name
0	Dout217	Seq. parameter
1	Dout218	Seq. parameter
2	Dout219	Seq. parameter
3	Dout220	Seq. parameter
4	Dout221	Seq. parameter
5	Dout222	Seq. parameter
6	Dout223	Seq. parameter
7	Dout224	Seq. parameter
8	Dout225	
9	Dout226	
10	Dout227	
11	Dout228	
12	Dout229	
13	Dout230	
14	Dout231	
15	Dout232	

No.	Name	Size (byte)	Description
27	System output 3	2	<table><tr><td>Bit</td><td>Line No.</td><td>Signal name</td></tr><tr><td>0</td><td>Dout233</td><td></td></tr><tr><td>1</td><td>Dout234</td><td></td></tr><tr><td>2</td><td>Dout235</td><td></td></tr><tr><td>3</td><td>Dout236</td><td></td></tr><tr><td>4</td><td>Dout237</td><td></td></tr><tr><td>5</td><td>Dout238</td><td></td></tr><tr><td>6</td><td>Dout239</td><td></td></tr><tr><td>7</td><td>Dout240</td><td></td></tr><tr><td>8</td><td>Dout241</td><td></td></tr><tr><td>9</td><td>Dout242</td><td></td></tr><tr><td>10</td><td>Dout243</td><td></td></tr><tr><td>11</td><td>Dout244</td><td></td></tr><tr><td>12</td><td>Dout245</td><td></td></tr><tr><td>13</td><td>Dout246</td><td></td></tr><tr><td>14</td><td>Dout247</td><td></td></tr><tr><td>15</td><td>Dout248</td><td></td></tr></table>
28	System output 4	2	<table><tr><td>Bit</td><td>Line No.</td><td>Signal name</td></tr><tr><td>0</td><td>Dout249</td><td>EMG_ST</td></tr><tr><td>1</td><td>Dout250</td><td>SV_RDY</td></tr><tr><td>2</td><td>Dout251</td><td>ACK</td></tr><tr><td>3</td><td>Dout252</td><td>TEACH</td></tr><tr><td>4</td><td>Dout253</td><td>INT</td></tr><tr><td>5</td><td>Dout254</td><td>EXTSIG</td></tr><tr><td>6</td><td>Dout255</td><td>EXTHOST</td></tr><tr><td>7</td><td>Dout256</td><td>SYS_RDY</td></tr><tr><td>8</td><td>Dout257</td><td>AUTORUN</td></tr><tr><td>9</td><td>Dout258</td><td>CYC_END</td></tr><tr><td>10</td><td>Dout259</td><td>LOW_ST</td></tr><tr><td>11</td><td>Dout260</td><td>CYC_ST</td></tr><tr><td>12</td><td>Dout261</td><td>BT_ALM</td></tr><tr><td>13</td><td>Dout262</td><td>ALARM</td></tr><tr><td>14</td><td>Dout263</td><td></td></tr><tr><td>15</td><td>Dout264</td><td></td></tr></table>

No.	Name	Size (byte)	Description		
29	System reservation	2	Bit	Line No.	Signal name
			0		
			1		
			2		
			3		
			4		
			5		
			6		
			7		
			8		
			9		
			10		
			11		
			12		
			13		
			14		
			15		
30	System reservation	2	Bit	Line No.	Signal name
			0		
			1		
			2		
			3		
			4		
			5		
			6		
			7		
			8		
			9		
			10		
			11		
			12		
			13		
			14		
			15		

No.	Name	Size (byte)	Description		
31	System reservation	2	Bit	Line No.	Signal name
			0		
			1		
			2		
			3		
			4		
			5		
			6		
			7		
			8		
			9		
			10		
			11		
			12		
			13		
			14		
			15		
32	System reservation	2	Bit	Line No.	Signal name
			0		
			1		
			2		
			3		
			4		
			5		
			6		
			7		
			8		
			9		
			10		
			11		
			12		
			13		
			14		
			15		

III)   Current value data

No.	Name	Size (byte)	Description
1	Joint coordinate value	4 × 6 axes	As shown below, values are set in the order of axis 1 to axis 6.
2	World coordinate value	4 × 6 axes	
3	Work coordinate value	4 × 6 axes	
4	Work coordinate name	20	Name of work coordinate system
5	Tool coordinate name	20	Name of tool coordinate system
6	Base coordinate name	20	Name of base coordinate system
7	Reserved	2	
Total		134	

Axis 1	(float)
Axis 2	(float)
Axis 3	(float)
Axis 4	(float)
Axis 5	(float)
Axis 6	(float)