



MITSUBISHI Digital Protection Relay
MELPRO™ -S Series

**MELPRO-S SERIES PROTECTION RELAY Modbus COMMUNICATION
MODBUS REGISTER MAP FOR TYPE COC4-A02S1**

MITSUBISHI ELECTRIC CORPORATION

Published: Jan. 2019

1. Subject : MELPRO-S MODBUS REGISTER MAP
2. Relay Type : MELPRO-S Digital Protection Relay
3. Supporting Function Code :

Function Code	Description	Query/Response
2	Read Input Status	128 Inputs
3	Read Holding Register	50 Registers
4	Read Input Register	50 Registers
5	Forces Single Coil	1 Coil
6	Preset Single Register	1 Register
16	Preset Multiple Register	2 Registers

4. Modbus Register Address Range

Type	Address	Access Data Size
Coil	Digital Value	00001 ~ 09999
	Digital Input	10001 ~ 19999
Register	Analog Input	30001 ~ 39999
	Analog Value	40001 ~ 49999

5. Notice

1. Each Input/Holding Register has 2bytes (1 word) size data.
2. We support Modbus RTU Mode only.
3. Modbus Communication Setting : 19200bps, 1 start, 1 stop, no parity.
4. We support serial communication on RS485 line.

Package Name : COC4-A02S1
 Package Vendor Name : MITSUBISHI
 MICOM Manufacture : MITSUBISHI
 Communications Type : Modbus RTU, RS485 Half Duplex
 Baud Rate : 19200bps
 Data Bits : 8
 Stop bits : 1
 Parity : None
 Title : Coil (0XXXX) Map

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
0	1	Front LED Reset	Activate	x	x	x	No Unit	x	Digital Value	0x40
1	2	Fault Record Data Reset	Activate	x	x	x	No Unit	x	Digital Value	0x43
2	3	Self diagnosis Reset	Activate	x	x	x	No Unit	x	Digital Value	0x45
3	4	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	-
4	5	Setting Value Activate	Activate	x	x	x	No Unit	x	Digital Value	0xB3
5	6	Contact for Trip	Activate	x	x	x	No Unit	x	Digital Value	0xB5
6	7	Contact for Phase fault time-lag	Activate	x	x	x	No Unit	x	Digital Value	0xB5
7	8	Contact for Phase fault Instantaneous	Activate	x	x	x	No Unit	x	Digital Value	0xB5
8	9	Contact for Earth fault	Activate	x	x	x	No Unit	x	Digital Value	0xB5
9	10	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	-
10	11	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	-
11	12	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	-
12	13	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	
13	14	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	
14	15	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	
15	16	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	
16	17	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	
17	18	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	
18	19	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	
19	20	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	
20	21	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	
21	22	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	
22	23	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	
23	24	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	
24	25	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	
25	26	(Reserved)	Activate	x	x	x	No Unit	x	Digital Value	
26	27	Contact Output Activate	Activate	x	x	x	On/Off	x	Digital Value	

Package Name : COC4-A02S1
 Package Vendor Name : MITSUBISHI
 MICOM Manufacture : MITSUBISHI
 Communications Type : Modbus RTU, RS485 Half Duplex
 Baud Rate : 19200bps
 Data Bits : 8
 Stop bits : 1
 Parity : None
 Title : Input Coil (1XXXX) Map

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
0	10001	Self-diagnosis result	On	Off	x	x	On/Off	x	Digital Input	0x10
1	10002	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
2	10003	LED A-phase	On	Off	x	x	On/Off	x	Digital Input	
3	10004	LED B-phase	On	Off	x	x	On/Off	x	Digital Input	
4	10005	LED C-phase	On	Off	x	x	On/Off	x	Digital Input	
5	10006	LED ZERO-phase	On	Off	x	x	On/Off	x	Digital Input	
6	10007	LED INST.	On	Off	x	x	On/Off	x	Digital Input	
7	10008	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
8	10009	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
9	10010	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
10	10011	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
11	10012	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
12	10013	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
13	10014	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
14	10015	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
15	10016	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
16	10017	1st Phenomenon A-phase	On	Off	x	x	On/Off	x	Digital Input	0x70
17	10018	1st Phenomenon B-phase	On	Off	x	x	On/Off	x	Digital Input	
18	10019	1st Phenomenon C-phase	On	Off	x	x	On/Off	x	Digital Input	
19	10020	1st Phenomenon ZERO-phase	On	Off	x	x	On/Off	x	Digital Input	
20	10021	1st Phenomenon INST.	On	Off	x	x	On/Off	x	Digital Input	
21	10022	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
22	10023	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
23	10024	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
24	10025	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
25	10026	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
26	10027	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
27	10028	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
28	10029	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
29	10030	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
30	10031	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
31	10032	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
32	10033	2nd Phenomenon A-phase	On	Off	x	x	On/Off	x	Digital Input	
33	10034	2nd Phenomenon B-phase	On	Off	x	x	On/Off	x	Digital Input	
34	10035	2nd Phenomenon C-phase	On	Off	x	x	On/Off	x	Digital Input	
35	10036	2nd Phenomenon ZERO-phase	On	Off	x	x	On/Off	x	Digital Input	
36	10037	2nd Phenomenon INST.	On	Off	x	x	On/Off	x	Digital Input	

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
37	10038	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	0x70
38	10039	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
39	10040	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
40	10041	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
41	10042	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
42	10043	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
43	10044	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
44	10045	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
45	10046	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
46	10047	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
47	10048	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
48	10049	3rd Phenomenon A-phase	On	Off	x	x	On/Off	x	Digital Input	
49	10050	3rd Phenomenon B-phase	On	Off	x	x	On/Off	x	Digital Input	
50	10051	3rd Phenomenon C-phase	On	Off	x	x	On/Off	x	Digital Input	
51	10052	3rd Phenomenon ZERO-phase	On	Off	x	x	On/Off	x	Digital Input	
52	10053	3rd Phenomenon INST.	On	Off	x	x	On/Off	x	Digital Input	
53	10054	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
54	10055	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
55	10056	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
56	10057	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
57	10058	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
58	10059	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
59	10060	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
60	10061	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
61	10062	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
62	10063	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
63	10064	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
64	10065	4th Phenomenon A-phase	On	Off	x	x	On/Off	x	Digital Input	
65	10066	4th Phenomenon B-phase	On	Off	x	x	On/Off	x	Digital Input	
66	10067	4th Phenomenon C-phase	On	Off	x	x	On/Off	x	Digital Input	
67	10068	4th Phenomenon ZERO-phase	On	Off	x	x	On/Off	x	Digital Input	
68	10069	4th Phenomenon INST.	On	Off	x	x	On/Off	x	Digital Input	
69	10070	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
70	10071	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
71	10072	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
72	10073	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
73	10074	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
74	10075	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
75	10076	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
76	10077	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
77	10078	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
78	10079	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
79	10080	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
80	10081	5th Phenomenon A-phase	On	Off	x	x	On/Off	x	Digital Input	
81	10082	5th Phenomenon B-phase	On	Off	x	x	On/Off	x	Digital Input	
82	10083	5th Phenomenon C-phase	On	Off	x	x	On/Off	x	Digital Input	
83	10084	5th Phenomenon ZERO-phase	On	Off	x	x	On/Off	x	Digital Input	
84	10085	5th Phenomenon INST.	On	Off	x	x	On/Off	x	Digital Input	

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
85	10086	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	0x70
86	10087	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
87	10088	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
88	10089	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
89	10090	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
90	10091	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
91	10092	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
92	10093	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
93	10094	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
94	10095	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
95	10096	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
96	10097	6th Phenomenon A-phase	On	Off	x	x	On/Off	x	Digital Input	0x70
97	10098	6th Phenomenon B-phase	On	Off	x	x	On/Off	x	Digital Input	
98	10099	6th Phenomenon C-phase	On	Off	x	x	On/Off	x	Digital Input	
99	10100	6th Phenomenon ZERO-phase	On	Off	x	x	On/Off	x	Digital Input	
100	10101	6th Phenomenon INST.	On	Off	x	x	On/Off	x	Digital Input	
101	10102	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
102	10103	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
103	10104	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
104	10105	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
105	10106	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
106	10107	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
107	10108	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
108	10109	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
109	10110	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
110	10111	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
111	10112	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
112	10113	7th Phenomenon A-phase	On	Off	x	x	On/Off	x	Digital Input	0x70
113	10114	7th Phenomenon B-phase	On	Off	x	x	On/Off	x	Digital Input	
114	10115	7th Phenomenon C-phase	On	Off	x	x	On/Off	x	Digital Input	
115	10116	7th Phenomenon ZERO-phase	On	Off	x	x	On/Off	x	Digital Input	
116	10117	7th Phenomenon INST.	On	Off	x	x	On/Off	x	Digital Input	
117	10118	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
118	10119	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
119	10120	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
120	10121	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
121	10122	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
122	10123	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
123	10124	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
124	10125	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
125	10126	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
126	10127	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
127	10128	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
128	10129	8th Phenomenon A-phase	On	Off	x	x	On/Off	x	Digital Input	0x70
129	10130	8th Phenomenon B-phase	On	Off	x	x	On/Off	x	Digital Input	
130	10131	8th Phenomenon C-phase	On	Off	x	x	On/Off	x	Digital Input	
131	10132	8th Phenomenon ZERO-phase	On	Off	x	x	On/Off	x	Digital Input	
132	10133	8th Phenomenon INST.	On	Off	x	x	On/Off	x	Digital Input	

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
133	10134	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	0x70
134	10135	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
135	10136	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
136	10137	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
137	10138	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
138	10139	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
139	10140	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
140	10141	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
141	10142	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
142	10143	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
143	10144	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
144	10145	9th Phenomenon A-phase	On	Off	x	x	On/Off	x	Digital Input	
145	10146	9th Phenomenon B-phase	On	Off	x	x	On/Off	x	Digital Input	
146	10147	9th Phenomenon C-phase	On	Off	x	x	On/Off	x	Digital Input	
147	10148	9th Phenomenon ZERO-phase	On	Off	x	x	On/Off	x	Digital Input	
148	10149	9th Phenomenon INST.	On	Off	x	x	On/Off	x	Digital Input	
149	10150	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
150	10151	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
151	10152	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
152	10153	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
153	10154	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
154	10155	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
155	10156	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
156	10157	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
157	10158	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
158	10159	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
159	10160	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
160	10161	10th Phenomenon A-phase	On	Off	x	x	On/Off	x	Digital Input	
161	10162	10th Phenomenon B-phase	On	Off	x	x	On/Off	x	Digital Input	
162	10163	10th Phenomenon C-phase	On	Off	x	x	On/Off	x	Digital Input	
163	10164	10th Phenomenon ZERO-phase	On	Off	x	x	On/Off	x	Digital Input	
164	10165	10th Phenomenon INST.	On	Off	x	x	On/Off	x	Digital Input	
165	10166	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
166	10167	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
167	10168	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
168	10169	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
169	10170	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
170	10171	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
171	10172	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
172	10173	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
173	10174	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
174	10175	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
175	10176	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
176	10177	ROM Check	Alarm	Normal	x	x	On/Off	x	Digital Input	
177	10178	RAM Check	Alarm	Normal	x	x	On/Off	x	Digital Input	
178	10179	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
179	10180	A/I Check	Alarm	Normal	x	x	On/Off	x	Digital Input	
180	10181	A/D Check	Alarm	Normal	x	x	On/Off	x	Digital Input	

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
181	10182	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	0x73
182	10183	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
183	10184	DO Status Check	Alarm	Normal	x	x	On/Off	x	Digital Input	
184	10185	DO Operation Check	Alarm	Normal	x	x	On/Off	x	Digital Input	
185	10186	Analog Filter Check	Alarm	Normal	x	x	On/Off	x	Digital Input	
186	10187	AI Duplex Check	Alarm	Normal	x	x	On/Off	x	Digital Input	
187	10188	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
188	10189	EEPROM Check	Alarm	Normal	x	x	On/Off	x	Digital Input	
189	10190	Arithmetic Function Check	Alarm	Normal	x	x	On/Off	x	Digital Input	
190	10191	WDT Check	Alarm	Normal	x	x	On/Off	x	Digital Input	
191	10192	A/D Accuracy Check	Alarm	Normal	x	x	On/Off	x	Digital Input	
192	10193	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
193	10194	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
194	10195	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
195	10196	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
196	10197	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
197	10198	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
198	10199	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
199	10200	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
200	10201	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
201	10202	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
202	10203	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
203	10204	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
204	10205	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
205	10206	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
206	10207	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
207	10208	(Reserved)	Alarm	Normal	x	x	On/Off	x	Digital Input	
208	10209	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
209	10210	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
210	10211	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
211	10212	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
212	10213	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
213	10214	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
214	10215	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	
215	10216	(Reserved)	On	Off	x	x	On/Off	x	Digital Input	

Package Name : COC4-A02S1
 Package Vendor Name : MITSUBISHI
 MICOM Manufacture : MITSUBISHI
 Communications Type : Modbus RTU, RS485 Half Duplex
 Baud Rate : 19200bps
 Data Bits : 8
 Stop bits : 1
 Parity : None
 Title : Input Register (3XXXX) Map

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
0	30001	Realtime Data IA (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	0x83
1	30002	Realtime Data IB (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	0x83
2	30003	Realtime Data IC (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	0x83
3	30004	Realtime Data IO (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	0x83
4	30005	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
5	30006	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
6	30007	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
7	30008	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
8	30009	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
9	30010	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
10	30011	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
11	30012	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
12	30013	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
13	30014	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
14	30015	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
15	30016	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
16	30017	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
17	30018	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
18	30019	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
19	30020	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
20	30021	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
21	30022	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
22	30023	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
23	30024	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
24	30025	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
25	30026	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
26	30027	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
27	30028	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
28	30029	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
29	30030	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
30	30031	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
31	30032	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
32	30033	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
33	30034	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
34	30035	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
35	30036	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
36	30037	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
37	30038	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
38	30039	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
39	30040	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
40	30041	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
41	30042	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
42	30043	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
43	30044	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
44	30045	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
45	30046	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
46	30047	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
47	30048	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
48	30049	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
49	30050	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
50	30051	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
51	30052	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
52	30053	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
53	30054	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
54	30055	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
55	30056	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
56	30057	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
57	30058	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
58	30059	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
59	30060	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
60	30061	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
61	30062	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
62	30063	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
63	30064	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
64	30065	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
65	30066	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
66	30067	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
67	30068	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
68	30069	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
69	30070	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
70	30071	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
71	30072	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
72	30073	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
73	30074	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
74	30075	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
75	30076	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
76	30077	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
77	30078	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
78	30079	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
79	30080	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
80	30081	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
81	30082	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
82	30083	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
83	30084	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
84	30085	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
85	30086	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
86	30087	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
87	30088	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
88	30089	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
89	30090	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
90	30091	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
91	30092	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
92	30093	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
93	30094	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
94	30095	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
95	30096	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)		1	Analog Input	
96	30097	(Reserved)	x	x	-10.23x10EXP(16)	10.23x10EXP(16)		1	Analog Input	
97	30098	(Reserved)	x	x	-10.23x10EXP(17)	10.23x10EXP(17)		1	Analog Input	
98	30099	(Reserved)	x	x	-10.23x10EXP(18)	10.23x10EXP(18)		1	Analog Input	
99	30100	(Reserved)	x	x	-10.23x10EXP(19)	10.23x10EXP(19)		1	Analog Input	
100	30101	(Reserved)	x	x	-10.23x10EXP(20)	10.23x10EXP(20)		1	Analog Input	
101	30102	(Reserved)	x	x	-10.23x10EXP(21)	10.23x10EXP(21)		1	Analog Input	
102	30103	(Reserved)	x	x	-10.23x10EXP(22)	10.23x10EXP(22)		1	Analog Input	
103	30104	(Reserved)	x	x	-10.23x10EXP(23)	10.23x10EXP(23)		1	Analog Input	
104	30105	(Reserved)	x	x	-10.23x10EXP(24)	10.23x10EXP(24)		1	Analog Input	
105	30106	(Reserved)	x	x	-10.23x10EXP(25)	10.23x10EXP(25)		1	Analog Input	
106	30107	(Reserved)	x	x	-10.23x10EXP(26)	10.23x10EXP(26)		1	Analog Input	
107	30108	(Reserved)	x	x	-10.23x10EXP(27)	10.23x10EXP(27)		1	Analog Input	
108	30109	(Reserved)	x	x	-10.23x10EXP(28)	10.23x10EXP(28)		1	Analog Input	
109	30110	(Reserved)	x	x	-10.23x10EXP(29)	10.23x10EXP(29)		1	Analog Input	
110	30111	(Reserved)	x	x	-10.23x10EXP(30)	10.23x10EXP(30)		1	Analog Input	
111	30112	(Reserved)	x	x	-10.23x10EXP(31)	10.23x10EXP(31)		1	Analog Input	
112	30113	(Reserved)	x	x	-10.23x10EXP(32)	10.23x10EXP(32)		1	Analog Input	
113	30114	(Reserved)	x	x	-10.23x10EXP(33)	10.23x10EXP(33)		1	Analog Input	
114	30115	(Reserved)	x	x	-10.23x10EXP(34)	10.23x10EXP(34)		1	Analog Input	
115	30116	(Reserved)	x	x	-10.23x10EXP(35)	10.23x10EXP(35)		1	Analog Input	
116	30117	(Reserved)	x	x	-10.23x10EXP(36)	10.23x10EXP(36)		1	Analog Input	
117	30118	(Reserved)	x	x	-10.23x10EXP(37)	10.23x10EXP(37)		1	Analog Input	
118	30119	(Reserved)	x	x	-10.23x10EXP(38)	10.23x10EXP(38)		1	Analog Input	
119	30120	(Reserved)	x	x	-10.23x10EXP(39)	10.23x10EXP(39)		1	Analog Input	
120	30121	(Reserved)	x	x	-10.23x10EXP(40)	10.23x10EXP(40)		1	Analog Input	
121	30122	(Reserved)	x	x	-10.23x10EXP(41)	10.23x10EXP(41)		1	Analog Input	
122	30123	(Reserved)	x	x	-10.23x10EXP(42)	10.23x10EXP(42)		1	Analog Input	
123	30124	(Reserved)	x	x	-10.23x10EXP(43)	10.23x10EXP(43)		1	Analog Input	
124	30125	(Reserved)	x	x	-10.23x10EXP(44)	10.23x10EXP(44)		1	Analog Input	
125	30126	(Reserved)	x	x	-10.23x10EXP(45)	10.23x10EXP(45)		1	Analog Input	
126	30127	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	None	1	Analog Input	
127	30128	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	None	1	Analog Input	
128	30129	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	None	1	Analog Input	
129	30130	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	None	1	Analog Input	
130	30131	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	None	1	Analog Input	
131	30132	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	None	1	Analog Input	
132	30133	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	None	1	Analog Input	

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
133	30134	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	None	1	Analog Input	
134	30135	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	None	1	Analog Input	
135	30136	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	None	1	Analog Input	
136	30137	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	None	1	Analog Input	
137	30138	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	None	1	Analog Input	
138	30139	(Reserved)	x	x	-	-	-	-	-	
139	30140	(Reserved)	x	x	-	-	-	-	-	
140	30141	(Reserved)	x	x	-	-	-	-	-	
141	30142	(Reserved)	x	x	-	-	-	-	-	
142	30143	(Reserved)	x	x	-	-	-	-	-	
143	30144	(Reserved)	x	x	-	-	-	-	-	
144	30145	(Reserved)	x	x	-	-	-	-	-	
145	30146	(Reserved)	x	x	-	-	-	-	-	
146	30147	(Reserved)	x	x	-	-	-	-	-	
147	30148	(Reserved)	x	x	-	-	-	-	-	
148	30149	(Reserved)	x	x	-	-	-	-	-	
149	30150	(Reserved)	x	x	-	-	-	-	-	
150	30151	(Reserved)	x	x	-	-	-	-	-	
151	30152	(Reserved)	x	x	-	-	-	-	-	
152	30153	(Reserved)	x	x	-	-	-	-	-	
153	30154	(Reserved)	x	x	-	-	-	-	-	
154	30155	(Reserved)	x	x	-	-	-	-	-	
155	30156	(Reserved)	x	x	-	-	-	-	-	
156	30157	(Reserved)	x	x	-	-	-	-	-	
157	30158	(Reserved)	x	x	-	-	-	-	-	
158	30159	(Reserved)	x	x	-	-	-	-	-	unavailable
159	30160	(Reserved)	x	x	-	-	-	-	-	
160	30161	(Reserved)	x	x	-	-	-	-	-	
161	30162	(Reserved)	x	x	-	-	-	-	-	
162	30163	(Reserved)	x	x	-	-	-	-	-	
163	30164	(Reserved)	x	x	-	-	-	-	-	
164	30165	(Reserved)	x	x	-	-	-	-	-	
165	30166	(Reserved)	x	x	-	-	-	-	-	
166	30167	(Reserved)	x	x	-	-	-	-	-	
167	30168	(Reserved)	x	x	-	-	-	-	-	
168	30169	(Reserved)	x	x	-	-	-	-	-	
169	30170	(Reserved)	x	x	-	-	-	-	-	
170	30171	(Reserved)	x	x	-	-	-	-	-	
171	30172	(Reserved)	x	x	-	-	-	-	-	
172	30173	(Reserved)	x	x	-	-	-	-	-	
173	30174	(Reserved)	x	x	-	-	-	-	-	
174	30175	(Reserved)	x	x	-	-	-	-	-	
175	30176	(Reserved)	x	x	-	-	-	-	-	
176	30177	(Reserved)	x	x	-	-	-	-	-	
177	30178	(Reserved)	x	x	-	-	-	-	-	
178	30179	(Reserved)	x	x	-	-	-	-	-	
179	30180	1st phenomenon. Fault mesured value of IA (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
180	30181	1st phenomenon. Fault mesured value of IB (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
181	30182	1st phenomenon. Fault measured value of IC (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
182	30183	1st phenomenon. Fault measured value of IO (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
183	30184	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
184	30185	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
185	30186	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
186	30187	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
187	30188	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
188	30189	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
189	30190	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
190	30191	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
191	30192	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
192	30193	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
193	30194	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
194	30195	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
195	30196	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
196	30197	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
197	30198	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
198	30199	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
199	30200	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
200	30201	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
201	30202	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
202	30203	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
203	30204	2nd phenomenon. Fault measured value of IA (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
204	30205	2nd phenomenon. Fault measured value of IB (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
205	30206	2nd phenomenon. Fault measured value of IC (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
206	30207	2nd phenomenon. Fault measured value of IO (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
207	30208	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
208	30209	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
209	30210	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
210	30211	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
211	30212	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
212	30213	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
213	30214	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
214	30215	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
215	30216	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
216	30217	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
217	30218	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
218	30219	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
219	30220	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
220	30221	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
221	30222	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
222	30223	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
223	30224	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
224	30225	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
225	30226	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
226	30227	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
227	30228	3rd phenomenon. Fault measured value of IA (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
228	30229	3rd phenomenon. Fault measured value of IB (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
229	30230	3rd phenomenon. Fault measured value of IC (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
230	30231	3rd phenomenon. Fault measured value of IO (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
231	30232	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
232	30233	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
233	30234	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
234	30235	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
235	30236	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
236	30237	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
237	30238	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
238	30239	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
239	30240	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
240	30241	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
241	30242	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
242	30243	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
243	30244	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
244	30245	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
245	30246	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
246	30247	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
247	30248	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
248	30249	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
249	30250	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
250	30251	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
251	30252	4th phenomenon. Fault measured value of IA (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
252	30253	4th phenomenon. Fault measured value of IB (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
253	30254	4th phenomenon. Fault measured value of IC (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
254	30255	4th phenomenon. Fault measured value of IO (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
255	30256	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
256	30257	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
257	30258	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
258	30259	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
259	30260	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
260	30261	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
261	30262	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
262	30263	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
263	30264	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
264	30265	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
265	30266	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
266	30267	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
267	30268	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
268	30269	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
269	30270	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
270	30271	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
271	30272	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
272	30273	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
273	30274	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
274	30275	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
275	30276	5th phenomenon. Fault measured value of IA (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
276	30277	5th phenomenon. Fault measured value of IB (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
277	30278	5th phenomenon. Fault measured value of IC (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
278	30279	5th phenomenon. Fault measured value of IO (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
279	30280	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
280	30281	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
281	30282	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
282	30283	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
283	30284	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
284	30285	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
285	30286	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
286	30287	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
287	30288	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
288	30289	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
289	30290	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
290	30291	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
291	30292	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
292	30293	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
293	30294	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
294	30295	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
295	30296	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
296	30297	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
297	30298	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
298	30299	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
299	30300	6th phenomenon. Fault measured value of IA (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
300	30301	6th phenomenon. Fault measured value of IB (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
301	30302	6th phenomenon. Fault measured value of IC (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
302	30303	6th phenomenon. Fault measured value of IO (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
303	30304	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
304	30305	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
305	30306	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
306	30307	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
307	30308	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
308	30309	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
309	30310	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
310	30311	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
311	30312	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
312	30313	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
313	30314	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
314	30315	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
315	30316	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
316	30317	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
317	30318	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
318	30319	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
319	30320	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
320	30321	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
321	30322	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
322	30323	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
323	30324	7th phenomenon. Fault measured value of IA (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
324	30325	7th phenomenon. Fault measured value of IB (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
325	30326	7th phenomenon. Fault measured value of IC (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
326	30327	7th phenomenon. Fault measured value of IO (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
327	30328	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
328	30329	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
329	30330	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
330	30331	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
331	30332	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
332	30333	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
333	30334	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
334	30335	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
335	30336	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
336	30337	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
337	30338	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
338	30339	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
339	30340	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
340	30341	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
341	30342	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
342	30343	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
343	30344	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
344	30345	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
345	30346	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
346	30347	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
347	30348	8th phenomenon. Fault measured value of IA (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
348	30349	8th phenomenon. Fault measured value of IB (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
349	30350	8th phenomenon. Fault measured value of IC (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
350	30351	8th phenomenon. Fault measured value of IO (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
351	30352	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
352	30353	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
353	30354	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
354	30355	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
355	30356	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
356	30357	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
357	30358	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
358	30359	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
359	30360	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
360	30361	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
361	30362	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
362	30363	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
363	30364	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
364	30365	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
365	30366	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
366	30367	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
367	30368	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
368	30369	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
369	30370	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
370	30371	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
371	30372	9th phenomenon. Fault measured value of IA (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
372	30373	9th phenomenon. Fault measured value of IB (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
373	30374	9th phenomenon. Fault measured value of IC (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
374	30375	9th phenomenon. Fault measured value of IO (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
375	30376	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
376	30377	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
377	30378	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
378	30379	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
379	30380	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
380	30381	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
381	30382	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
382	30383	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
383	30384	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
384	30385	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
385	30386	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
386	30387	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
387	30388	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
388	30389	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
389	30390	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
390	30391	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
391	30392	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
392	30393	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
393	30394	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
394	30395	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
395	30396	10th phenomenon. Fault measured value of IA (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
396	30397	10th phenomenon. Fault measured value of IB (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
397	30398	10th phenomenon. Fault measured value of IC (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
398	30399	10th phenomenon. Fault measured value of IO (A)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	0x86
399	30400	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
400	30401	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
401	30402	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
402	30403	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
403	30404	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
404	30405	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
405	30406	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
406	30407	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
407	30408	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
408	30409	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
409	30410	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
410	30411	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
411	30412	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
412	30413	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
413	30414	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
414	30415	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
415	30416	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
416	30417	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
417	30418	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
418	30419	(Reserved)	x	x	-10.23x10EXP(15)	10.23x10EXP(15)	No Unit	1	Analog Input	
419	30420	(Reserved)	x	x	0	65535	No Unit	1	Analog Input	
420	30421	(Reserved)	x	x	0	65535	No Unit	1	Analog Input	

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
421	30422	(Reserved)	x	x	0	65535	No Unit	1	Analog Input	-
422	30423	(Reserved)	x	x	0	65535	No Unit	1	Analog Input	
423	30424	(Reserved)	x	x	0	65535	No Unit	1	Analog Input	
424	30425	(Reserved)	x	x	0	65535	No Unit	1	Analog Input	
425	30426	(Reserved)	x	x	0	65535	No Unit	1	Analog Input	
426	30427	(Reserved)	x	x	0	65535	No Unit	1	Analog Input	
...	x	x	0	65535	No Unit	1	Analog Input	
3103	33104	(Reserved)	x	x	0	65535	No Unit	1	Analog Input	
3104	33105	(Reserved)	x	x	0	65535	No Unit	1	Analog Input	
3105	33106	(Reserved)	x	x	0	65535	No Unit	1	Analog Input	
3106	33107	(Reserved)	x	x	0	65535	No Unit	1	Analog Input	

Package Name : COC4-A02S1
 Package Vendor Name : MITSUBISHI
 MICOM Manufacture : MITSUBISHI
 Communications Type : Modbus RTU, RS485 Half Duplex
 Baud Rate : 19200bps
 Data Bits : 8
 Stop bits : 1
 Parity : None
 Title : Holding Register (4XXXX) Map

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
0	40001	Setting Data 1(Phase fault Time-lag operation current (A))	x	x	0	65535		1	Analog Value	0x80 0xB0
1	40002	Setting Data 2(Phase fault Time-lag Time multiplier)	x	x	0	65535		1	Analog Value	0x80 0xB0
2	40003	Setting Data 3(Phase fault Time-lag Operation characterisitic)	x	x	0	65535		1	Analog Value	0x80 0xB0
3	40004	Setting Data 4(Phase fault Instantaneous operation current (A))	x	x	0	65535		1	Analog Value	0x80 0xB0
4	40005	Setting Data 5(Earth fault Time-lag operation current (A))	x	x	0	65535		1	Analog Value	0x80 0xB0
5	40006	Setting Data 6(Earth fault Time-lag Time multiplier)	x	x	0	65535		1	Analog Value	0x80 0xB0
6	40007	Setting Data 7(Earth fault Time-lag Operation characterisitic)	x	x	0	65535		1	Analog Value	0x80 0xB0
7	40008	Setting Data 8(Earth fault Instantaneous operation current (A))	x	x	0	65535		1	Analog Value	0x80 0xB0
8	40009	(Reserved)	x	x	0	65535		1	Analog Value	
9	40010	(Reserved)	x	x	0	65535		1	Analog Value	
10	40011	(Reserved)	x	x	0	65535		1	Analog Value	
11	40012	(Reserved)	x	x	0	65535		1	Analog Value	
12	40013	(Reserved)	x	x	0	65535		1	Analog Value	
13	40014	(Reserved)	x	x	0	65535		1	Analog Value	
14	40015	(Reserved)	x	x	0	65535		1	Analog Value	
15	40016	(Reserved)	x	x	0	65535		1	Analog Value	
16	40017	(Reserved)	x	x	0	65535		1	Analog Value	
17	40018	(Reserved)	x	x	0	65535		1	Analog Value	
18	40019	(Reserved)	x	x	0	65535		1	Analog Value	
19	40020	(Reserved)	x	x	0	65535		1	Analog Value	
20	40021	(Reserved)	x	x	0	65535		1	Analog Value	
21	40022	(Reserved)	x	x	0	65535		1	Analog Value	
22	40023	(Reserved)	x	x	0	65535		1	Analog Value	
23	40024	(Reserved)	x	x	0	65535		1	Analog Value	
24	40025	(Reserved)	x	x	0	65535		1	Analog Value	
25	40026	(Reserved)	x	x	0	65535		1	Analog Value	
26	40027	(Reserved)	x	x	0	65535		1	Analog Value	
27	40028	(Reserved)	x	x	0	65535		1	Analog Value	
28	40029	(Reserved)	x	x	0	65535		1	Analog Value	
29	40030	(Reserved)	x	x	0	65535		1	Analog Value	
30	40031	(Reserved)	x	x	0	65535		1	Analog Value	
31	40032	(Reserved)	x	x	0	65535		1	Analog Value	
32	40033	(Reserved)	x	x	0	65535		1	Analog Value	
33	40034	(Reserved)	x	x	0	65535		1	Analog Value	
34	40035	(Reserved)	x	x	0	65535		1	Analog Value	
35	40036	(Reserved)	x	x	0	65535		1	Analog Value	
36	40037	(Reserved)	x	x	0	65535		1	Analog Value	

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
37	40038	(Reserved)	x	x	0	65535		1	Analog Value	
38	40039	(Reserved)	x	x	0	65535		1	Analog Value	
39	40040	(Reserved)	x	x	0	65535		1	Analog Value	
40	40041	(Reserved)	x	x	0	65535		1	Analog Value	
41	40042	(Reserved)	x	x	0	65535		1	Analog Value	
42	40043	(Reserved)	x	x	0	65535		1	Analog Value	
43	40044	(Reserved)	x	x	0	65535		1	Analog Value	
44	40045	(Reserved)	x	x	0	65535		1	Analog Value	
45	40046	(Reserved)	x	x	0	65535		1	Analog Value	
46	40047	(Reserved)	x	x	0	65535		1	Analog Value	
47	40048	(Reserved)	x	x	0	65535		1	Analog Value	
48	40049	(Reserved)	x	x	0	65535		1	Analog Value	
49	40050	(Reserved)	x	x	0	65535		1	Analog Value	
50	40051	(Reserved)	x	x	0	65535		1	Analog Value	
51	40052	(Reserved)	x	x	0	65535		1	Analog Value	
52	40053	(Reserved)	x	x	0	65535		1	Analog Value	
53	40054	(Reserved)	x	x	0	65535		1	Analog Value	
54	40055	(Reserved)	x	x	0	65535		1	Analog Value	
55	40056	(Reserved)	x	x	0	65535		1	Analog Value	
56	40057	(Reserved)	x	x	0	65535		1	Analog Value	
57	40058	(Reserved)	x	x	0	65535		1	Analog Value	
58	40059	(Reserved)	x	x	0	65535		1	Analog Value	
59	40060	(Reserved)	x	x	0	65535		1	Analog Value	
60	40061	(Reserved)	x	x	0	65535		1	Analog Value	
61	40062	(Reserved)	x	x	0	65535		1	Analog Value	
62	40063	(Reserved)	x	x	0	65535		1	Analog Value	
63	40064	(Reserved)	x	x	0	65535		1	Analog Value	
64	40065	(Reserved)	x	x	0	65535		1	Analog Value	
65	40066	(Reserved)	x	x	0	65535		1	Analog Value	
66	40067	(Reserved)	x	x	0	65535		1	Analog Value	
67	40068	(Reserved)	x	x	0	65535		1	Analog Value	
68	40069	(Reserved)	x	x	0	65535		1	Analog Value	
69	40070	(Reserved)	x	x	0	65535		1	Analog Value	
70	40071	(Reserved)	x	x	0	65535		1	Analog Value	
71	40072	(Reserved)	x	x	0	65535		1	Analog Value	
72	40073	(Reserved)	x	x	0	65535		1	Analog Value	
73	40074	(Reserved)	x	x	0	65535		1	Analog Value	
74	40075	(Reserved)	x	x	0	65535		1	Analog Value	
75	40076	(Reserved)	x	x	0	65535		1	Analog Value	
76	40077	(Reserved)	x	x	0	65535		1	Analog Value	
77	40078	(Reserved)	x	x	0	65535		1	Analog Value	
78	40079	(Reserved)	x	x	0	65535		1	Analog Value	
79	40080	(Reserved)	x	x	0	65535		1	Analog Value	
80	40081	(Reserved)	x	x	0	65535		1	Analog Value	
81	40082	(Reserved)	x	x	0	65535		1	Analog Value	
82	40083	(Reserved)	x	x	0	65535		1	Analog Value	
83	40084	(Reserved)	x	x	0	65535		1	Analog Value	
84	40085	(Reserved)	x	x	0	65535		1	Analog Value	

Serial No.	Modbus Address (Register No.)	Description	Device Bit Status=1	Device Bit Status=0	Range (Min)	Range (Max)	Engineering Unit	DCS Scale	Signal Type	Remarks
85	40086	(Reserved)	x	x	0	65535		1	Analog Value	
86	40087	(Reserved)	x	x	0	65535		1	Analog Value	
87	40088	(Reserved)	x	x	0	65535		1	Analog Value	
88	40089	(Reserved)	x	x	0	65535		1	Analog Value	
89	40090	(Reserved)	x	x	0	65535		1	Analog Value	
90	40091	(Reserved)	x	x	0	65535		1	Analog Value	
91	40092	(Reserved)	x	x	0	65535		1	Analog Value	
92	40093	(Reserved)	x	x	0	65535		1	Analog Value	
93	40094	(Reserved)	x	x	0	65535		1	Analog Value	
94	40095	(Reserved)	x	x	0	65535		1	Analog Value	
95	40096	(Reserved)	x	x	0	65535		1	Analog Value	
96	40097	(Reserved)	x	x	0	65535		1	Analog Value	
97	40098	(Reserved)	x	x	0	65535		1	Analog Value	-
98	40099	(Reserved)	x	x	0	65535		1	Analog Value	
99	40100	(Reserved)	x	x	0	65535		1	Analog Value	
100	40101	(Reserved)	x	x	0	65535		1	Analog Value	-
101	40102	(Reserved)	x	x	0	65535		1	Analog Value	
102	40103	(Reserved)	x	x	0	65535		1	Analog Value	
103	40104	(Reserved)	x	x	0	65535		1	Analog Value	
104	40105	(Reserved)	x	x	0	65535		1	Analog Value	-
105	40106	(Reserved)	x	x	0	65535		1	Analog Value	
106	40107	(Reserved)	x	x	0	65535		1	Analog Value	
107	40108	(Reserved)	x	x	0	65535		1	Analog Value	-
108	40109	(Reserved)	x	x	0	65535		1	Analog Value	
109	40110	(Reserved)	x	x	0	65535		1	Analog Value	