

Input Data (Master → CC-Link remote device)

Remote Input (RX)

Signal name	I/O port No.			Note
	2 stations occupied 384 points	3 stations occupied 640 points	4 stations occupied 896 points	
Step stop	512	512	512	
Continue start	513	513	513	
Halt	514	514	514	
Operation preparation start	515	515	515	
Skip interrupt	516	516	516	
Program start	517	517	517	
(Reserved)	518	518	518	Not available
(Reserved)	519	519	519	Not available
Bit 0 for program No. select	520	520	520	
Bit 1 for program No. select	521	521	521	
Bit 2 for program No. select	522	522	522	
Bit 3 for program No. select	523	523	523	
Bit 4 for program No. select	524	524	524	
Bit 5 for program No. select	525	525	525	
Bit 6 for program No. select	526	526	526	
Program No. select parity bit	527	527	527	
Motor power ON	528	528	528	
CAL execution	529	529	529	
(Reserved)	530	530	530	Not available
SP100	531	531	531	
Switching to external mode	532	532	532	
Program reset	533	533	533	
Clear robot error	534	534	534	
(Reserved)	535	535	535	Not available
User input	536	536	536	
	⋮	⋮	⋮	
	767	767	767	
	4096	4096	4096	
(System input)	⋮	⋮	⋮	Not available
	4207	4463	4719	
	4208	4464	4720	
	4223	4479	4735	

Remote Register Input (RWr)

Signal name	I/O port No.		
	2 stations occupied 64 words	3 stations occupied 96 words	4 stations occupied 128 words
User input	4736 - 4751	4736 - 4751	4736 - 4751
	4752 - 4927	4752 - 4767	4752 - 4767
	4768 - 4943	4768 - 4783	4768 - 4783
	⋮	⋮	⋮
	⋮	⋮	⋮
	5712 - 5727	6224 - 6239	6736 - 6751
	5728 - 5743	6240 - 6255	6752 - 6767
5744 - 5759	6256 - 6271	6768 - 6783	

Output Data (CC-Link remote device → Master)

Remote Output (RY)

Signal name	I/O port No.			Note
	2 stations occupied 384 points	3 stations occupied 640 points	4 stations occupied 896 points	
(-)	768	768	768	Not available
Robot running	769	769	769	
Robot error	770	770	770	
Auto mode	771	771	771	
External mode	772	772	772	
Program start reset	773	773	773	
(Unused)	774	774	774	Not available
(Unused)	775	775	775	Not available
Robot power-on completed	776	776	776	
Servo ON	777	777	777	
CAL completed	778	778	778	
Teaching being operated	779	779	779	
1 cycle completed	780	780	780	
Battery warning	781	781	781	
Robot warning	782	782	782	
Continued start permitted	783	783	783	
Error in the units place, bit 0	784	784	784	
Error in the units place, bit 1	785	785	785	
Error in the units place, bit 2	786	786	786	
Error in the units place, bit 3	787	787	787	
Error in the tens place, bit 0	788	788	788	
Error in the tens place, bit 1	789	789	789	
Error in the tens place, bit 2	790	790	790	
Error in the tens place, bit 3	791	791	791	
Error in the hundreds place, bit	792	792	792	
Error in the hundreds place, bit	793	793	793	
Error in the hundreds place, bit	794	794	794	
Error in the hundreds place, bit	795	795	795	
SS mode output	796	796	796	
(Unused)	797	797	797	Not available
(Unused)	798	798	798	Not available
(Unused)	799	799	799	Not available
User output	800	800	800	
	⋮	⋮	⋮	
	1023	1023	1023	
	⋮	⋮	⋮	
(System output)	7983	8239	8495	
	7984	8240	8496	
	⋮	⋮	⋮	Not available
Error status flag	7993	8249	8505	
	7994	8250	8506	Synchronize with a robot error (I/O port No.770) or a robot warning (I/O port No.782).
Remote station ready	7995	8251	8507	Synchronize with a Robot Power ON Completed (I/O port No.776).
(System output)	7996	8252	8508	
	⋮	⋮	⋮	Not available
	7999	8255	8511	

Remote Register Output (RWw)

Signal name	I/O port No.		
	2 stations occupied 64 words	3 stations occupied 96 words	4 stations occupied 128 words
User output	8512 - 8527	8512 - 8527	8512 - 8527
	8528 - 8543	8528 - 8543	8528 - 8543
	8544 - 8559	8544 - 8559	8544 - 8559
	⋮	⋮	⋮
	⋮	⋮	⋮
	9488 - 9503	10000 - 10015	10512 - 10527
	9504 - 9519	10016 - 10031	10528 - 10543
9520 - 9535	10032 - 10047	10544 - 10559	