

F1616BA- Special Digital Inputs

12 of the first 16 ON/OFF inputs of the F-Series PLC can be configured as “special inputs” such as High Speed Counters, Interrupts and Pulse Measurement. The High Speed Counters and Pulse measurement inputs share physical inputs, but they can be used simultaneously as HSC and PMON (unlike M-Series). Note that if any other two special functions share the same I/O then only one of them can be active at any one time. The location of these special I/Os are tabulated as follows:

Special Inputs

Input #	High Speed Counter	Interrupt	Pulse Measurement
1	Ch #1: Phase A	Ch #1	Ch #1
2	Ch #1: Phase B	Ch #2	Ch #2
3	Ch #2: Phase A	Ch #3	Ch #3
4	Ch #2: Phase B	Ch #4	Ch #4
5	Ch #3: Phase A	Ch #5	Ch #5
6	Ch #3: Phase B	Ch #6	Ch #6
7	-	-	-
8	-	-	-
9	-	Ch #9	-
10	-	Ch #10	-
11	-	Ch #11	-
12	-	Ch #12	-

Note: While inputs 1-6 can be used simultaneously as High Speed Counters **and** Pulse Measurement pins, any pins defined as interrupts can only be interrupts.