

Digital Inputs

1. Column 1: find the Catalog Number of the **1771 Module** you are converting from.
2. Column 2: find the Catalog Number of the compatible **1756 Module** you are converting to. In some cases more than one module exists. Review the matrix carefully and review the I/O module Installation Manuals to determine full compatibility.
3. Column 3: find the **Conversion Module** catalog number and order quantity.
4. Column 4: find the **Conversion Cable** catalog number and order quantity.

1		2		3		4		5
Converting From 1771 Module ⁽¹⁾	Qty.	Converting to 1756 Module	Qty.	Conversion Module		Conversion Cable ⁽³⁾		Wiring Diagram
				Cat. No.	Order	Cat. No.	Order	Page
1771-IA	2	1756-IA16	1	1492-CM1771-LD007	2	1492-C005005XE	1	19
1771-IA2	2	1756-IA16	1	1492-CM1771-LD007	2	1492-C005005XE	1	19
1771-IAD	1	1756-IA16	1	1492-CM1771-LD001	1	1492-CONCAB005X	1	20
1771-IAD	1	1756-IH16I	1	1492-CM1771-LD002	1	1492-CONCAB005Y	1	21
1771-IAN	1	1756-IA32	1	1492-CM1771-LD003	1	1492-CONCAB005Z	1	22
1771-IB	2	1756-IB16	1	1492-CM1771-LD007	2	1492-C005005XE	1	23
1771-IBD	1	1756-IB16	1	1492-CM1771-LD001	1	1492-CONCAB005X	1	24
1771-IBN	1	1756-IB32	1	1492-CM1771-LD003	1	1492-CONCAB005Z	1	25
1771-IC	2	1756-IC16	1	1492-CM1771-LD007	2	1492-C005005XE	1	26
1771-ICD	1	1756-IC16	1	1492-CM1771-LD001	1	1492-CONCAB005X	1	27
1771-ID	2	1756-IA16I	1	1492-CM1771-LD012	2	1492-C005005XL	1	28
1771-ID01	2	1756-IM16I	1	1492-CM1771-LD012	2	1492-C005005XL	1	29
1771-ID16	1	1756-IA16I	1	1492-CM1771-LD004	1	1492-CONCAB005Y	1	30
1771-ID16	1	1756-IH16I	1	1492-CM1771-LD004	1	1492-CONCAB005Y	1	31
1771-IG	2	1756-IG16	1	1492-CM1771-LA003 ⁽²⁾	2	1492-C005005XS	1	32
1771-IGD	1	1756-IG16	1	1492-CM1771-LD006	1	1492-CONCAB005X	1	33
1771-IH	2	1756-IC16	1	1492-CM1771-LD007	2	1492-C005005XE	1	34
1771-IM	2	1756-IM16I	1	1492-CM1771-LD007	2	1492-C005005XH	1	35
1771-IMD	1	1756-IM16I	1	1492-CM1771-LD002	1	1492-CONCAB005Y	1	36
1771-IN	2	1756-IN16	1	1492-CM1771-LD007	2	1492-C005005XE	1	37
1771-IND	1	1756-IN16	1	1492-CM1771-LD001	1	1492-CONCAB005X	1	38
1771-IND1	1	1756-IN16	1	1492-CM1771-LD001	1	1492-CONCAB005X	1	39
1771-IQ	2	1756-IB16I	1	1492-CM1771-LD007	2	1492-C005005XK	1	40
1771-IQ	2	1756-IB16I	1	1492-CM1771-LD014	2	1492-C005005XJ	1	41
1771-IQ16	1	1756-IB16I	1	1492-CM1771-LD004	1	1492-CONCAB005Y	1	42
1771-IT	2	1756-IB16	1	1492-CM1771-LD007	2	1492-C005005XE	1	43
1771-IV	2	1756-IV16	1	1492-CM1771-LD014	2	1492-C005005XG	1	44
1771-IVN	1	1756-IV32	1	1492-CM1771-LD005	1	1492-CONCAB005Z	1	45

(1) To understand any issues concerning I/O module compatibility refer to the conversion module wiring diagrams and the Installation Manuals for the specific I/O modules involved (with particular attention to the specification and wiring instructions).

(2) These 1771 Digital I/O Modules use a Swing Arm that only mounts to these Analog I/O Conversion Modules, which will therefore be used to provide for these 1771 Digital I/O conversions.

(3) The 005 in the Cat. No. indicates cable length of the 1492 cable. The recommended length of 0.5 M is listed, additional lengths are listed below.

1.0M Cable = 1492-CONCAB010_, 1.0M/1.0M Cable = 1492-C010010X_, 0.5M/1.0M Cable = 1492-C005010X_, 1.0M/0.5M Cable = 1492-C010005X_

Digital Outputs

- Column 1: find the catalog number of the **1771 Module** you are converting from.
- Column 2: find the catalog number of the compatible **1756 Module** you are converting to.
In some cases more than one module exists. Review the matrix carefully and review the I/O module Installation Manuals to determine full compatibility.
- Column 3: find the catalog number of the **Conversion Module**.
- Column 4: find the catalog number of the **Conversion Cable**.

1		2		3		4		5
Converting from 1771 Module ⁽¹⁾		Converting to 1756 Module		Conversion Module		Conversion Cable ⁽⁴⁾		Wiring Diagram
Cat. No.	Qty.	Cat. No.	Qty. ⁽²⁾	Cat. No. ⁽³⁾	Order Qty.	Cat. No.	Order Qty.	Page
1771-OA	1	1756-OA8E	1	1492-CM1771-LD014	1	1492-CONCAB005U	1	47
1771-OAD	1	1756-OA16	1	1492-CM1771-LD006	1	1492-CONCAB005X	1	48
1771-OAN	1	1756-OA16	2	1492-CM1771-LD013	1	1492-CONCAB005S3	1	49
1771-OB	2	1756-OB16D	1	1492-CM1771-LD014	2	1492-C005005XF	1	50
1771-OB0	1	1756-OB16E	1	1492-CM1771-LD006	1	1492-CONCAB005X	1	51
1771-OB0	1	1756-OC8	2	1492-CM1771-LD008F	1	1492-CONCAB005S1	1	52
1771-OBDS	1	1756-OB16E	1	1492-CM1771-LD006	1	1492-CONCAB005X	1	53
1771-OB0	1	1756-OB32	1	1492-CM1771-LD009F	1	1492-CONCAB005Z	1	54
1771-OC	1	1756-OC8	1	1492-CM1771-LD014	1	1492-CONCAB005V	1	55
1771-OD	2	1756-OA16I	1	1492-CM1771-LD012	2	1492-C005005XM	1	56
1771-OD16	1	1756-OA16I	1	1492-CM1771-LD010F	1	1492-CONCAB005Y	1	57
1771-OD0	1	1756-OA16I	1	1492-CM1771-LD010F	1	1492-CONCAB005Y	1	58
1771-ODZ	2	1756-OA16I	1	1492-CM1771-LD012	2	1492-C005005XP	1	59
1771-OG	2	1756-OG16	2	1492-CM1771-LA003	2	1492-C005005XS	1	60
1771-OGD	1	1756-OG16	2	1492-CM1771-LD006	1	1492-CONCAB005X	1	61
1771-OM	2	1756-OA16	1	1492-CM1771-LD014	2	1492-C005005XG	1	62
1771-OMD	1	1756-OA16	1	1492-CM1771-LD006	1	1492-CONCAB005X	1	63
1771-ON	1	1756-ON8	1	1492-CM1771-LD014	1	1492-CONCAB005W	1	64
1771-OND	1	1756-ON8	2	1492-CM1771-LD006	1	1492-CONCAB005S2	1	65
1771-OQ	2	1756-OB16I	1	1492-CM1771-LA004	2	1492-C005005XT	1	66
1771-OQ16	1	1756-OB16I	1	1492-CM1771-LD010F	1	1492-CONCAB005Y	1	67
1771-OR	2	1756-OA16I	1	1492-CM1771-LD012	2	1492-C005005XR	1	68
1771-OVN	1	1756-OV16E	2	1492-CM1771-LD013	1	1492-CONCAB005S3	1	69
1771-OW	1	1756-OX8I	1	1492-CM1771-LD012	1	1492-CONCAB005Y	1	70
1771-OW16	1	1756-OW16I	1	1492-CM1771-LD011	1	1492-CONCAB005Y	1	71
1771-OWNA	1	1756-OW16I	2	1492-CM1771-LD013	1	1492-CONCAB005S4	1	72
1771-OY	1	1756-OX8I	1	1492-CM1771-LD012	1	1492-CONCAB005Y	1	73
1771-OYL	1	1756-OX8I	1	1492-CM1771-LD012	1	1492-CONCAB005Y	1	74
1771-OZ	1	1756-OX8I	1	1492-CM1771-LD012	1	1492-CONCAB005Y	1	75
1771-OZL	1	1756-OX8I	1	1492-CM1771-LD012	1	1492-CONCAB005Y	1	76

(1) To understand any issues concerning I/O module compatibility refer to the conversion module wiring diagrams and the Installation Manuals for the specific I/O modules involved (with particular attention to the specification and wiring instructions).

(2) Where two is indicated, these modules need to be located directly next to each other in the 1756 chassis.

(3) An "F" at the end of the 1756 catalog number indicates that it is fused to match the functionality of the 1771 module being replaced.

(4) The 005 in the Cat. No. indicates cable length of the 1492 cable. The recommended length of 0.5 M is listed, additional lengths are listed below.

1.0M Cable = 1492-CONCAB010_, 1.0M/1.0M Cable= 1492-C010010X_0.5M/1.0M Cable = 1492-C005010X_, 1.0M/0.5M Cable = 1492-C010005X_