Front Panel Adapters with Pre-Wired Cable

Allen-Bradley
SLC-500
Digital Output
16 Channel

Technical Data
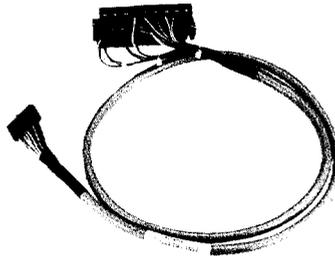
		2 wire 3 wire 120 VAC	2 wire 20.4-26.4 VDC 10-50 VDC	2 wire 20.4-26.4 VDC 24 VDC, 5 VDC	2 wire Fused 24 VDC	2 wire Relay, 5-120 VAC, 5-125 VDC
Type	FPA/C	1746-OA16	1746-OB16, OBP16	1746-OV16, OVP16, OG16	1746-OV16	1746-OW16
Part number	Cable Length 0.5 m	915795	915659	998030	915787	996158
	1.0 m	915796	915660	998031	915788	996159
	1.5 m	915797	915661	998032	915789	996160
	2.0 m	915801	915665	998033	915794	996161

Rated voltage	See Above
Rated current per signal line	3.0 A per circuit / 12.0 per cable
Cable connection	(1) 1 x 20 pin IDC
Operating temperature	-20°C...+50°C
Storage temperature	-20°C...+60°C
Approvals	ᴿᵁ .ᴿᵁ

Connection Wiring

IDC Conn	Wire Color	2 wire 3 wire 120 VAC	2 wire 20.4-26.4 VDC 10-50 VDC	2 wire 20.4-26.4 VDC 24 VDC, 5 VDC	2 wire Fused 24 VDC	2 wire Relay, 5-120 VAC, 5-125 VDC	
01	Blk	1	1	18	18	1	
02	Brn	10	1	18	18	1	
03	Red	2	2	2	2	2	
04	Org	3	3	3	3	3	
05	Yel	4	4	4	4	4	
06	Grn	5	5	5	5	5	
07	Blu	6	6	6	6	6	
08	Violet	7	7	7	7	7	
09	Gray	8	8	8	8	8	
10	White	9	9	9	9	9	
11	Wht/Blk	12	10	10	10	12	
12	Wht/Brn	11	11	11	11	11	
13	Wht/Red	14	12	12	12	14	
14	Wht/Org	13	13	13	13	13	
15	Wht/Yel	16	14	14	14	16	
16	Wht/Grn	15	15	15	15	15	
17	Wht/Blu	18	16	16	16	18	
18	Wht/Violet	17	17	17	17	17	
19	Wht/Gray	N/C	N/C	1	N/C	10	
20	Wht/Blk/Brn	N/C	18	1	1	10	

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32 Channel

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2 wire 24 VDC	2 wire 5-50 VDC	
1746-IB32, IV32	1746-OB32, OV32	
998101	998080	
998102	998081	
998103	998082	
998104	998083	
24 VDC	5-50 VDC	
3.0 A per circuit / 12.0 per cable	3.0 A per circuit / 12.0 per cable	
(1) 1 x 40 pin IDC	(1) 1 x 40 pin IDC	
-20°C...+50°C	-20°C...+50°C	
-20°C...+60°C	-20°C...+60°C	
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Connection Wiring

Connection Wiring

FIM side IDC Conn	Wire Color	2 wire 24 VDC	PLC side IDC Conn	Wire Color	2 wire 24 VDC	FIM side IDC Conn	Wire Color	2 wire 5-50 VDC	PLC side IDC Conn	Wire Color	2 wire 5-50 VDC
01	Blk	1	21	Wht/Blk/Red	N/C	01	Blk	1	21	Wht/Blk/Red	38
02	Brn	39	22	Wht/Blk/Org	N/C	02	Brn	3	22	Wht/Blk/Org	40
03	Red	5	23	Wht/Blk/Yel	6	03	Red	5	23	Wht/Blk/Yel	6
04	Org	7	24	Wht/Blk/Grn	8	04	Org	7	24	Wht/Blk/Grn	8
05	Yel	9	25	Wht/Blk/Blu	10	05	Yel	9	25	Wht/Blk/Blu	10
06	Grn	11	26	Wht/Blk/Vlt	12	06	Grn	11	26	Wht/Blk/Vlt	12
07	Blu	13	27	Wht/Blk/Gry	14	07	Blu	13	27	Wht/Blk/Gry	14
08	Violet	15	28	Wht/Brn/Red	16	08	Violet	15	28	Wht/Brn/Red	16
09	Gray	17	29	Wht/Brn/Org	18	09	Gray	17	29	Wht/Brn/Org	18
10	White	19	30	Wht/Brn/Yel	20	10	White	19	30	Wht/Brn/Yel	20
11	Wht/Blk	21	31	Wht/Brn/Grn	22	11	Wht/Blk	21	31	Wht/Brn/Grn	22
12	Wht/Brn	23	32	Wht/Brn/Blu	24	12	Wht/Brn	23	32	Wht/Brn/Blu	24
13	Wht/Red	25	33	Wht/Brn/Vlt	26	13	Wht/Red	25	33	Wht/Brn/Vlt	26
14	Wht/Org	27	34	Wht/Brn/Gry	28	14	Wht/Org	27	34	Wht/Brn/Gry	28
15	Wht/Yel	29	35	Wht/Red/Org	30	15	Wht/Yel	29	35	Wht/Red/Org	30
16	Wht/Grn	31	36	Wht/Red/Yel	32	16	Wht/Grn	31	36	Wht/Red/Yel	32
17	Wht/Blu	33	37	Wht/Red/Grn	34	17	Wht/Blu	33	37	Wht/Red/Grn	34
18	Wht/Violet	35	38	Wht/Red/Blu	36	18	Wht/Violet	35	38	Wht/Red/Blu	36
19	Wht/Gray	N/C	39	Wht/Red/Vlt	2	19	Wht/Gray	37	39	Wht/Red/Vlt	2
20	Wht/Blk/Brn	N/C	40	Wht/Red/Gry	40	20	Wht/Blk/Brn	39	40	Wht/Red/Gry	4