

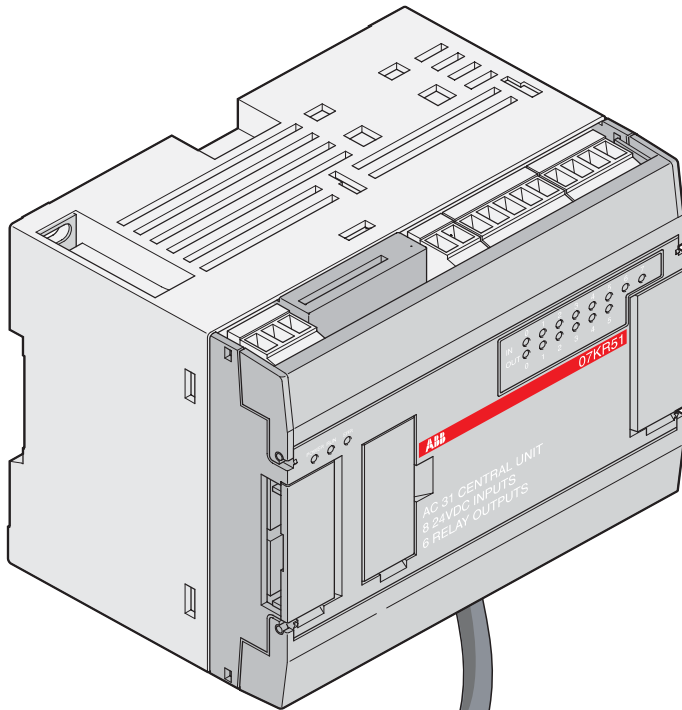


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## Interfast for ABB PLC

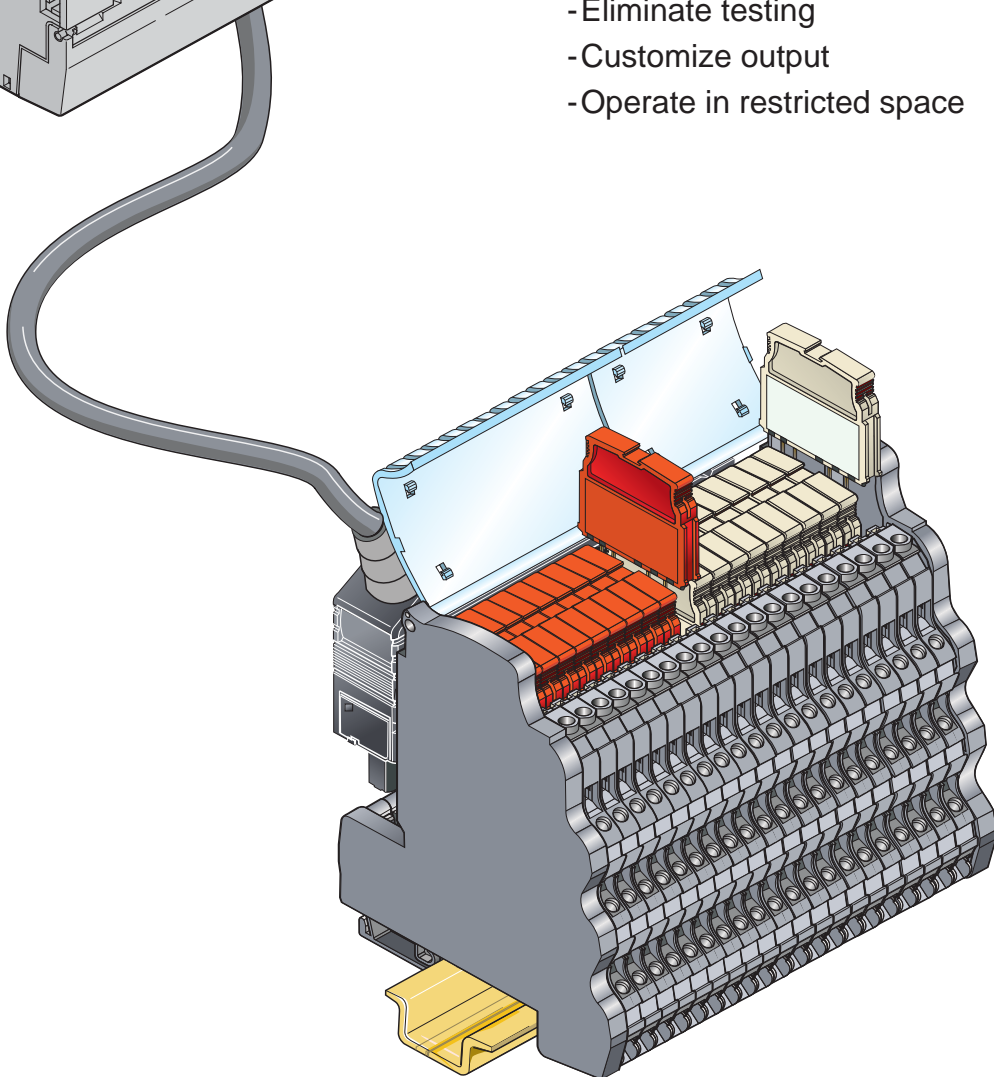
### Overview



Interfast, Entrelec's PLC wiring system, includes prewired and tested PLC plus 100's of interface assemblies to allow easier connection of your PLC to field and control equipment.

Interfast offers :

- Prewired and pretested PLC cables mate with your PLC
- Cable lengths to 5 meters and higher
- Reduce PLC wiring time from hours to minutes
- Standard terminal blocks plus relay and optocoupler interfaces
- Eliminate testing
- Customize output
- Operate in restricted space



# Interfast for ABB PLC

## Ordering Details



### AC31 - Pre-wired cable looms

PLC Card		Type of connector interfaces	Type of decoupling interfaces	2 Mtr cable	Type
07CR41/42	24 VDC	8 input	12 way Omnicconnect	8 opto	1SNA 036 912 R0100 ①
07KR51	24 VDC				
ICMK14F1/14F1-M	24 VDC	6 output	12 way Omnicconnect		1SNA 036 906 R1400 ②
07CR41/42	120/230 V	8 input	12 way Omnicconnect		1SNA 036 912 R0100 ①
07KR51	120/230 V				
ICMK14F1/14F1-M	120/230 V	6 output	12 way Omnicconnect		1SNA 036 906 R1400 ②
07CT41/42	24 VDC	8 input	12 way Omnicconnect	8 opto	1SNA 036 912 R0100 ①
07KT51	24 VDC				
ICMK14N1/N1-M	24 VDC	6 output	12 way Omnicconnect	8 relay / 8 opto	1SNA 036 906 R1400 ②
XI16E1		Channel 1 to 8	12 way Omnicconnect	8 opto	1SNA 036 918 R1700 ①
		Channel 9 to 16	12 way Omnicconnect	8 opto	1SNA 036 930 R1700 ①
XO16N1		Channel 1 to 8	12 way Omnicconnect	8 relay / 8 opto	1SNA 036 924 R0500 ①
		Channel 9 to 16	12 way Omnicconnect	8 relay / 8 opto	1SNA 036 930 R1700 ①
XC32L1/L2			2 x 20 way Omnicconnect	2 x 16 relay / 16 opto	2 x 1SNA 039 002 R2000 ③
07DC92		Channel 1 to 16	20 way Omnicconnect	16 relay / 16 opto	1SNA 036 936 R0100 ④
		Channel 17 to 32	20 way Omnicconnect	16 relay / 16 opto	1SNA 036 942 R1700 ⑤

### S800 - Pre-wired cable looms

PLC Card	Type of connector interfaces	Type of decoupling interfaces	2 Mtr cable	Type
DI 810 / 814 / 830	20 way Omnicconnect	16 opto	1SNA 036 900 R2200 ⑥	
DI 811 / 831 / 885	20 way Omnicconnect		1SNA 036 900 R2200 ⑥	
DO 810 / 814	20 way Omnicconnect	16 relay / 16 opto	1SNA 036 900 R2200 ⑥	
DP 820	20 way Omnicconnect		1SNA 036 900 R2200 ⑥	
AI 810 / 820 / 830 / 835	20 way Omnicconnect		1SNA 036 900 R2200 ⑥	
AO 810 / 820	20 way Omnicconnect		1SNA 036 900 R2200 ⑥	
DI 801	20 way Omnicconnect	16 opto	1SNA 038 038 R2200 ⑦	
DI 802 / 803 / 820 / 821	20 way Omnicconnect		1SNA 038 038 R2200 ⑦	
DO 801	20 way Omnicconnect	16 relay / 16 opto	1SNA 038 038 R2200 ⑦	
DO 802 / 815 / 820 / 821	20 way Omnicconnect		1SNA 038 038 R2200 ⑦	
AI 801	20 way Omnicconnect		1SNA 038 038 R2200 ⑦	
AO 801	20 way Omnicconnect		1SNA 038 038 R2200 ⑦	

### AC31 / S800 - Multipurpose Cables

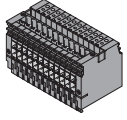
Type of Cable	Cable Length	Order Code
OMNI 20 pts	2 meters	1SNA 038 038 R2200
OMNI 12 pts	2 meters	1SNA 026 169 R2600

If your PLC card is not in the list please contact us.

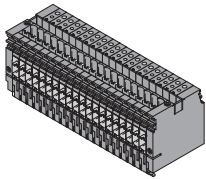
# Interfast for ABB PLC

## Ordering Details

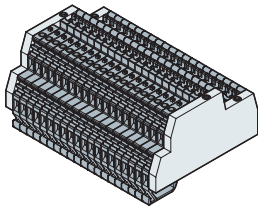
### Omniconnect Connection Interface channels 8



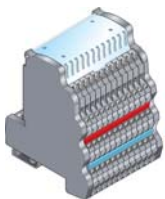
### Omniconnect Connection Interface channels 16



### Omniconnect Connection Interface channels 32



### Omniconnect MS Interfaces Decoupling interface channels 8



### Omniconnect MS Interfaces Decoupling interface channels 16



### Connection Interface

Type	8 Channels	16 Channels	32 Channels
Single Wire	1SNA 621 016 R1100	1SNA 621 017 R1200	1SNA 631 001 R2500
Two Wire	1SNA 631 024 R1300	1SNA 631 025 R1400	
Disconnect	1SNA 631 016 R1300	1SNA 631 017 R1400	
Fused	1SNA 631 012 R1700	1SNA 631 013 R1000	

Interfaces without LED's only. For Interfaces with LED's, contact us.

### Connection Interface

Type	8 Channels	16 Channels
2 Wire		1SNA 631 031 R1200
2 / 3 / 4 Wire	1SNA 631 054 R2000	1SNA 631 055 R2200
2 / 3 / 4 Wire Interrupt	1SNA 631 082 R1600	1SNA 631 083 R1700
2 / 3 / 4 Wire Fused	1SNA 631 098 R2600	1SNA 631 099 R2700

Interfaces without LED's only. For Interfaces with LED's, contact us.

### Relay Terminal (1SPDT) - Decoupling Interface

Type	8 Channels	16 Channels
Negative Common	1SNA 631 143 R2700	1SNA 631 125 R1500
Negative / Positive Common	1SNA 631 182 R1700	1SNA 631 181 R1600
Spare Relay Plug	1SNA 031 820 R1400	1SNA 031 820 R1400

### Optocoupler Terminal - Decoupling Interface

Type	8 Channels	16 Channels
Universal Interface	1SNA 631 177 R2100 *	1SNA 631 179 R0300 **
Spare Input Opto plug		
5 VDC	1SNA 031 831 R0300	1SNA 031 831 R0300
24 VDC	1SNA 031 800 R2100	1SNA 031 800 R2100
48 VDC	1SNA 031 801 R1600	1SNA 031 801 R1600
125 VDC	1SNA 031 845 R1100	1SNA 031 845 R1100
24 VAC	1SNA 031 802 R1700	1SNA 031 802 R1700
48 VAC	1SNA 031 803 R1000	1SNA 031 803 R1000
115 VAC	1SNA 031 804 R1100	1SNA 031 804 R1100
230 VAC	1SNA 031 805 R1200	1SNA 031 805 R1200
Spare Output Opto plug		
48 VDC / 100 mA	1SNA 031 810 R1200	1SNA 031 810 R1200
48 VDC / 1 A	1SNA 031 819 R1700	1SNA 031 819 R1700
24 VDC / 2 A	1SNA 031 815 R0300	1SNA 031 815 R0300
250 VAC / 700 mA	1SNA 031 839 R1300	1SNA 031 839 R1300
Spare Strap plug		
ST1	1SNA 031 829 R1500	1SNA 031 829 R1500
ST2	1SNA 031 830 R1600	1SNA 031 830 R1600

\* 8 channels : For this interface, use up to 8 input plugs or up to 8 output plugs (always use 3 ST1 plugs and 1 ST2 plug).

\*\* 16 channels : For this interface, use up to 16 input plugs or up to 16 output plugs (always use 2 ST1 plugs and 2 ST2 plugs).

### Universal Interface

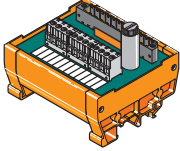
Type	8 Channels	16 Channels
Negative / Positive Common	1SNA 631 158 R0600	1SNA 631 151 R2700
Negative / Positive Common, Leds on supplies	1SNA 631 177 R2100	1SNA 631 179 R0300
Negative / Positive Common, Leds on signal and supplies	1SNA 631 178 R0000	1SNA 631 180 R2100

Please contact us for range of plugs.

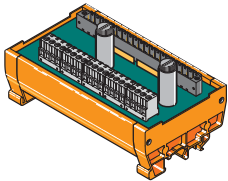
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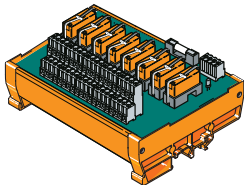
**Omniconnect  
Connector Interface  
channels 8**



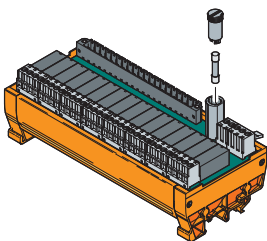
**Omniconnect  
Connector Interface  
channels 16**



**Omniconnect  
Decoupling interface  
channels 8**



**Omniconnect  
Decoupling interface  
channels 16**



### Connector Interface

Type	8 Channels	16 Channels	32 Channels
Single Wire	1SNA 021 024 R0300	1SNA 021 025 R0400	1SNA 021 021 R0000
Two Wire		1SNA 021 041 R1400	1SNA 021 098 R1600
Three Wire	1SNA 021 048 R2300	1SNA 021 049 R2400	1SNA 021 096 R0400
Disconnect (single wire)	1SNA 021 032 R0300	1SNA 021 033 R0400	1SNA 021 097 R0500
Fused (three wire)	1SNA 021 052 R1300	1SNA 021 053 R1000	

Interfaces without LED's only. For Interfaces with LED's, contact us.

### Relay Interface - Decoupling Interface

Type	8 Channels	16 Channels
1 n/o relay, 24 VDC supply		1SNA 021 080 R1000
1 SPDT relay, 24 VDC supply	1SNA 021 084 R0000	1SNA 021 082 R0600
1 SPDT relay, 24 VDC supply fuse on common contact	1SNA 021 073 R1400	1SNA 020 927 R1400
2 DPDT relay, 24 VDC supply	1SNA 021 074 R1500	1SNA 020 930 R2300

Large range of interfaces available to suit any application. Please contact us.