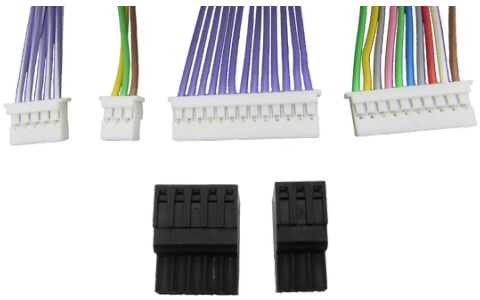
Cable set

Cable set for E5x/B5x

Article number: 1515589



Picture similar

Technical data

BLZF 3.50 5 connector	
Size	17.5 x 22.0 x 13.0 mm
Pins	5
Product name	BLZF 3.50/05/180 SN BK BX
PHR 5 connector	
Size	11.8 x 4.5 x 6.4 mm
Cross Section	0.25 mm^2
Cable length	50 cm
Pins	5
Product name	JST PHR-5
PHR 3 connector	
Size	7.8 x 4.5 x 6.4 mm
Cross Section	0.25 mm^2
Cable length	50 cm
Pins	3
Product name	JST PHR-3
PHR 13 connector	
Size	27.8 x 4.5 x 6.4 mm
Cross Section	0.25 mm^2
Cable length	50 cm
Pins	13
Product name	JST PHR-13
PHR 10 connector	
Size	21.8 x 4.5 x 6.4 mm
Cross Section	0.25 mm^2
Cable length	50 cm
Pins	10
Product name	JST PHR-10
BLZF 3.50 3 connector	
Size	10.5 x 22.0 x 13.0 mm
Pins	3
Product name	BLZF 3.50/03/180 SN BK BX

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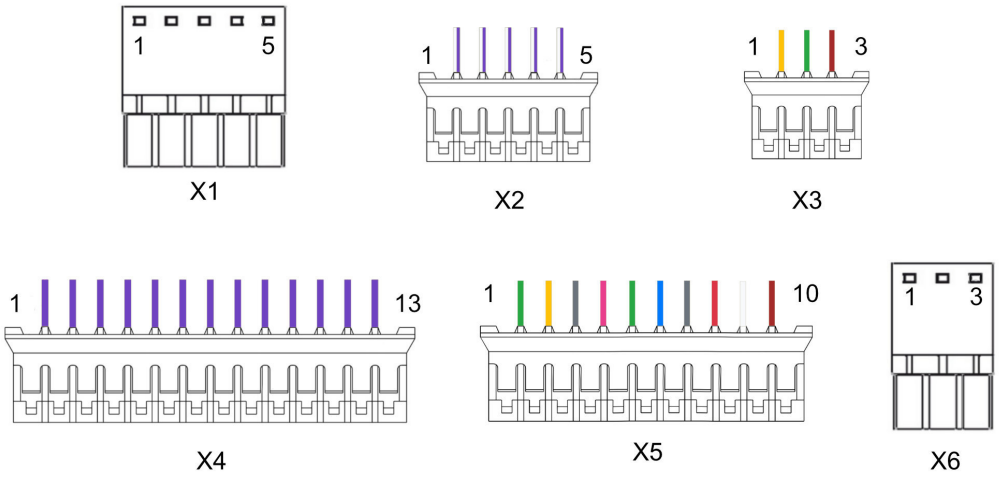
Scheme



mcDSA-B50/-Lp, B50-HC

X1	Supply	
1	FE	Functional earth
2	+Up	Power supply voltage
3	GND	Ground for power supply voltage
4	+Ue24V	Electronic supply voltage
5	GND	Ground for electronic supply voltage

X2	Analog inputs		
1		Ain0	Analog input 0
2		res.	Reserved
3		Ain1	Analog input 1
4		res.	Reserved
5		res.	Reserved

X3	CAN bus		
1		CAN Hi	CAN High
2		CAN Lo	CAN Low
3		res.	Reserved

X4	Digital inputs/outputs		
1		res.	Reserved
2		Din0	Digital input 0
3		Din1	Digital input 1
4		Din2	Digital input 2
5		Din3	Digital input 3
6		res.	Reserved
7		res.	Reserved
8		res.	Reserved
9		res.	Reserved
10		Dout0	Digital output 0
11		Dout1	Digital output 1
12		Dout2	Digital output 2
13		Dout3	Digital output 3

X5	Hall and inc. encoder		
1		H1	Hall sensor 1
2		H2	Hall sensor 2
3		H3	Hall sensor 3
4		res.	Reserved
5		res.	Reserved
6		res.	Reserved
7		res.	Reserved
8		res.	Reserved
9		+U5V	5V output voltage for sensor supply Sensors: encoder, hall
10		GND	Ground for sensor supply Notice: don't connect with system GND

X6	Motor	
1	Ma	Motor phase A
2	Mb	Motor phase B
3	Mc	Motor phase C

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mcDSA-B55/-Lp, B55-HC

X1	Supply	
1	FE	Functional earth
2	+Up	Power supply voltage
3	GND	Ground for power supply voltage
4	+Ue24V	Electronic supply voltage
5	GND	Ground for electronic supply voltage

X2	Analog inputs		
1		+Ain0	Analog input 0, plus
2		-Ain0	Analog input 0, minus
3		+Ain1	Analog input 1, plus
4		-Ain1	Analog input 1, minus
5		res.	Reserved

X3	CAN bus	
1	CAN Hi	CAN High
2	CAN Lo	CAN Low
3	res.	Reserved

X4	Digital inputs/outputs	
1	res.	Reserved
2	Din0	Digital input 0
3	Din1	Digital input 1
4	Din2	Digital input 2
5	Din3	Digital input 3
6	res.	Reserved
7	res.	Reserved
8	res.	Reserved
9	res.	Reserved
10	Dout0	Digital output 0
11	Dout1	Digital output 1
12	Dout2	Digital output 2
13	Dout3	Digital output 3

X5	Hall and inc. encoder	
1	H1	Hall sensor 1
2	H2	Hall sensor 2
3	H3	Hall sensor 3
4	res.	Reserved
5	res.	Reserved
6	res.	Reserved
7	res.	Reserved
8	res.	Reserved
9	+U5V	5V output voltage for sensor supply Sensors: encoder, hall
10	GND	Ground for sensor supply Notice: don't connect with system GND

X6	Motor	
1	Ma	Motor phase A
2	Mb	Motor phase B
3	Mc	Motor phase C

mcDSA-E50/-Lp, E50-HC, E50-EtherCAT/-HC

X1	Supply	
1	FE	Functional earth
2	+Up	Power supply voltage
3	GND	Ground for power supply voltage
4	+Ue24V	Electronic supply voltage
5	GND	Ground for electronic supply voltage

X2	Analog inputs		
1		Ain0	Analog input 0
2		res.	Reserved
3		Ain1	Analog input 1
4		res.	Reserved
5		Ain2	Analog Input 2 (5V) / PT1000

X3	CAN bus	
1	CAN Hi	CAN High
2	CAN Lo	CAN Low
3	res.	Reserved

X4	Digital inputs/outputs	
1	res.	Reserved
2	Din0	Digital input 0
3	Din1	Digital input 1
4	Din2	Digital input 2
5	Din3	Digital input 3
6	Din4	Digital input 4
7	Din5	Digital input 5
8	Din6	Digital input 6
9	Din7	Digital input 7
10	Dout0	Digital output 0
11	Dout1	Digital output 1
12	Dout2	Digital output 2
13	Dout3	Digital output 3

X5	Hall and inc. encoder	
1	H1	Hall sensor 1
2	H2	Hall sensor 2
3	H3	Hall sensor 3
4	A	Inc. encoder, A channel
5	res.	Reserved
6	B	Inc. encoder, B channel
7	res.	Reserved
8	Inx	Inc. encoder, index channel
9	+U5V	5V output voltage for sensor supply Sensors: encoder, hall
10	GND	Ground for sensor supply Notice: don't connect with system GND

X6	Motor	
1	Ma	Motor phase A
2	Mb	Motor phase B
3	Mc	Motor phase C

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mcDSA-E51-Lp

X1	Supply	
1	FE	Functional earth
2	+Up	Power supply voltage
3	GND	Ground for power supply voltage
4	+Ue24V	Electronic supply voltage
5	GND	Ground for electronic supply voltage

X2	Analog inputs		
1		Ain0	Analog input 0
2		res.	Reserved
3		Ain1	Analog input 1
4		res.	Reserved
5		Ain2	Analog Input 2 (5V) / PT1000

X3	CAN bus	
1	CAN Hi	CAN High
2	CAN Lo	CAN Low
3	res.	Reserved

X4	Digital inputs/outputs	
1	res.	Reserved
2	Din0	Digital input 0
3	Din1	Digital input 1
4	Din2	Digital input 2
5	Din3	Digital input 3
6	Din4	Digital input 4
7	Din5	Digital input 5
8	Din6	Digital input 6
9	Din7	Digital input 7
10	Dout0	Digital output 0
11	Dout1	Digital output 1
12	Dout2	Digital output 2
13	Dout3	Digital output 3

X5	Hall sensors	
1	H1	Hall sensor 1
2	H2	Hall sensor 2
3	H3	Hall sensor 3
4	res.	Reserved
5	res.	Reserved
6	res.	Reserved
7	res.	Reserved
8	res.	Reserved
9	+U5V	5V output voltage for sensor supply Sensors: hall
10	GND	Ground for sensor supply Notice: don't connect with system GND

X6	Motor	
1	Ma	Motor phase A
2	Mb	Motor phase B
3	Mc	Motor phase C

mcDSA-E52/-Lp, E52-HC, E52-EtherCAT/-HC

X1	Supply	
1	FE	Functional earth
2	+Up	Power supply voltage
3	GND	Ground for power supply voltage
4	+Ue24V	Electronic supply voltage
5	GND	Ground for electronic supply voltage

X2	Analog inputs		
1		Ain0	Analog input 0
2		res.	Reserved
3		Ain1	Analog input 1
4		res.	Reserved
5		Ain2	Analog Input 2 (5V) / PT1000

X3	CAN bus	
1	CAN Hi	CAN High
2	CAN Lo	CAN Low
3	res.	Reserved

X4	Digital inputs/outputs	
1	res.	Reserved
2	Din0	Digital input 0
3	Din1	Digital input 1
4	Din2	Digital input 2
5	Din3	Digital input 3
6	Din4	Digital input 4
7	Din5	Digital input 5
8	Din6	Digital input 6
9	Din7	Digital input 7
10	Dout0	Digital output 0
11	Dout1	Digital output 1
12	Dout2	Digital output 2
13	Dout3	Digital output 3

X5	Encoder	
1	res.	Reserved
2	res.	Reserved
3	res.	Reserved
4	+Sin	Encoder, plus sine signal
5	-Sin	Encoder, minus sine signal
6	+Cos	Encoder, plus cosine signal
7	-Cos	Encoder, minus cosine signal
8	res.	Reserved
9	+U5V	5V output voltage for sensor supply Sensors: encoder
10	GND	Ground for sensor supply Notice: don't connect with system GND

X6	Motor	
1	Ma	Motor phase A
2	Mb	Motor phase B
3	Mc	Motor phase C

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mcDSA-E55/-Lp, E55-HC, E55-EtherCAT/PROFINET/PN/-HC

X1	Supply	
1	FE	Functional earth
2	+Up	Power supply voltage
3	GND	Ground for power supply voltage
4	+Ue24V	Electronic supply voltage
5	GND	Ground for electronic supply voltage
X2	**Analog inputs**	
1	+Ain0	Analog input 0, plus
2	-Ain0	Analog input 0, minus
3	+Ain1	Analog input 1, plus
4	-Ain1	Analog input 1, minus
5	Ain2	Analog Input 2 (5V) / PT1000
X3	**CAN bus**	
1	CAN Hi	CAN High
2	CAN Lo	CAN Low
3	res.	Reserved
X4	**Digital inputs/outputs**	
1	res.	Reserved
2	Din0	Digital input 0
3	Din1	Digital input 1
4	Din2	Digital input 2
5	Din3	Digital input 3
6	Din4	Digital input 4
7	Din5	Digital input 5
8	Din6	Digital input 6
9	Din7	Digital input 7
10	Dout0	Digital output 0
11	Dout1	Digital output 1
12	Dout2	Digital output 2
13	Dout3	Digital output 3
X5	**Hall and inc. encoder**	
1	H1	Hall sensor 1
2	H2	Hall sensor 2
3	H3	Hall sensor 3
4	A	Inc. encoder, A channel
5	/A	Inc. encoder, A channel inverted
6	B	Inc. encoder, B channel
7	/B	Inc. encoder, B channel inverted
8	Inx	Inc. encoder, index channel
9	+U5V	5V output voltage for sensor supply Sensors: encoder, hall
10	GND	Ground for sensor supply Notice: don't connect with system GND
X6	**Motor**	
1	Ma	Motor phase A
2	Mb	Motor phase B
3	Mc	Motor phase C

mcDSA-E56-Lp

X1	Supply	
1	FE	Functional earth
2	+Up	Power supply voltage
3	GND	Ground for power supply voltage
4	+Ue24V	Electronic supply voltage
5	GND	Ground for electronic supply voltage
X2	**Analog inputs**	
1	+Ain0	Analog input 0, plus
2	-Ain0	Analog input 0, minus
3	+Ain1	Analog input 1, plus
4	-Ain1	Analog input 1, minus
5	Ain2	Analog Input 2 (5V) / PT1000
X3	**CAN bus**	
1	CAN Hi	CAN High
2	CAN Lo	CAN Low
3	res.	Reserved
X4	**Digital inputs/outputs**	
1	res.	Reserved
2	Din0	Digital input 0
3	Din1	Digital input 1
4	Din2	Digital input 2
5	Din3	Digital input 3
6	Din4	Digital input 4
7	Din5	Digital input 5
8	Din6	Digital input 6
9	Din7	Digital input 7
10	Dout0	Digital output 0
11	Dout1	Digital output 1
12	Dout2	Digital output 2
13	Dout3	Digital output 3
X5	**Hall sensors**	
1	H1	Hall sensor 1
2	H2	Hall sensor 2
3	H3	Hall sensor 3
4	res.	Reserved
5	res.	Reserved
6	res.	Reserved
7	res.	Reserved
8	res.	Reserved
9	+U5V	5V output voltage for sensor supply Sensors: hall
10	GND	Ground for sensor supply Notice: don't connect with system GND
X6	**Motor**	
1	Ma	Motor phase A
2	Mb	Motor phase B
3	Mc	Motor phase C

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mcDSA-E57/-Lp, E57-HC, E57-EtherCAT/PROFINET/PN/-HC

X1	**Supply**		
1	FE		Functional earth
2	+Up		Power supply voltage
3	GND		Ground for power supply voltage
4	+Ue24V		Electronic supply voltage
5	GND		Ground for electronic supply voltage
X2	**Analog inputs**		
1		+Ain0	Analog input 0, plus
2		-Ain0	Analog input 0, minus
3		+Ain1	Analog input 1, plus
4		-Ain1	Analog input 1, minus
5		Ain2	Analog Input 2 (5V) / PT1000
X3	**CAN bus**		
1		CAN Hi	CAN High
2		CAN Lo	CAN Low
3		res.	Reserved
X4	**Digital inputs/outputs**		
1		res.	Reserved
2		Din0	Digital input 0
3		Din1	Digital input 1
4		Din2	Digital input 2
5		Din3	Digital input 3
6		Din4	Digital input 4
7		Din5	Digital input 5
8		Din6	Digital input 6
9		Din7	Digital input 7
10		Dout0	Digital output 0
11		Dout1	Digital output 1
12		Dout2	Digital output 2
13		Dout3	Digital output 3
X5	**Encoder**		
1		res.	Reserved
2		res.	Reserved
3		res.	Reserved
4		+Sin	Encoder, plus sine signal
5		-Sin	Encoder, minus sine signal
6		+Cos	Encoder, plus cosine signal
7		-Cos	Encoder, minus cosine signal
8		res.	Reserved
9		+U5V	5V output voltage for sensor supply Sensors: encoder
10		GND	Ground for sensor supply Notice: don't connect with system GND
X6	**Motor**		
1	Ma		Motor phase A
2	Mb		Motor phase B
3	Mc		Motor phase C

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