

Junction Box

Canare junction box assemblies.

— Key Features and Benefits

- Three types: Single XLR per channel, Parallel XLR per channel and Parallel XLR per channel MultiPin feed through.
- Black anodized chassis.
- Multipin dust caps included.
- 8, 12, 16, 24 or 32 channels.

[For inquiries about this products](#)



Junction Boxes

Tech Data

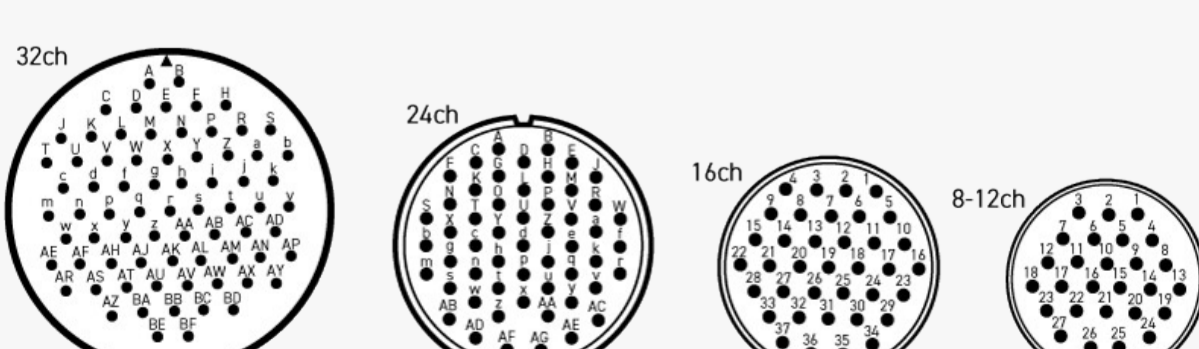
Downloads

Junction Box

Ch	Type	Model	Connector	Weight (Kg)
8	Single XLR per channel	8B1N2	XLR3-31-F77 x 8 NK27-32S-R x 1	0.9
		8B2N1	XLR3-32-F77 x 8 NK27-31S-R x 1	1.1
	Parallel XLR per channel	8J12N2	XLR3-31-F77 x 8, XLR3-32-F77 x 8 NK27-32S-R x 1	1.5
		8J12N1	XLR3-31-F77 x 8, XLR3-32-F77 x 8 NK27-31S-R x 1	
	Parallel XLR per channel MultiPin feed through	8J12N12	XLR3-31-F77 x 8, XLR3-32-F77 x 8 NK27-31S-R x 1, NK27-32S-R x 1	1.6
12	Single XLR per channel	12B1N2	XLR3-31-F77 x 12 NK27-32S-R x 1	1.3
		12B2N1	XLR3-32-F77 x 12 NK27-31S-R x 1	1.2
	Parallel XLR per channel	12J12N2	XLR3-31-F77 x 12, XLR3-32-F77 x 12 NK27-32S-R x 1	2.1
		12J12N1	XLR3-31-F77 x 12, XLR3-32-F77 x 12 NK27-31S-R x 1	
	Parallel XLR per channel MultiPin feed through	12J12N12	XLR3-31-F77 x 12, XLR3-32-F77 x 12 NK27-31S-R x 1, NK27-32S-R x 1	2.2
16	Single XLR per channel	16B1F2	XLR3-31-F77 x 16 FK37-32S-R x 1	1.6
		16B2F1	XLR3-32-F77 x 16 FK37-31S-R x 1	1.3
	Parallel XLR per channel	16J12F2	XLR3-31-F77 x 16, XLR3-32-F77 x 16 FK37-32S-R x 1	2.5
		16J12F1	XLR3-31-F77 x 16, XLR3-32-F77 x 16 FK37-31S-R x 1	
	Parallel XLR per channel MultiPin feed through	16J12F12	XLR3-31-F77 x 16, XLR3-32-F77 x 16 FK37-31S-R x 1, FK37-32S-R x 1	2.6
24	Parallel XLR per channel	24B12MS	XLR3-31-F77 x 24, XLR3-32-F77 x 24 D/MS3102A32A-10P x 1	2.7
	Parallel XLR per channel MultiPin feed through	24B12MSW	XLR3-31-F77 x 24, XLR3-32-F77 x 24 D/MS3102A32A-10P x 2	3.0
32	Parallel XLR per channel	32B12MS	XLR3-31-F77 x 32, XLR3-32-F77 x 32 D/MS3102A36-73P x 1	5.3
	Parallel XLR per channel MultiPin feed through	32B12MSW	XLR3-31-F77 x 32, XLR3-32-F77 x 32 D/MS3102A36-73P x 2	5.5
		32B12MF11	XLR3-31-F77 x 32, XLR3-32-F77 x 32 D/MS3102A36-73P x 1, FK37-31S-R x 2	5.7
		32B12MWF11	XLR3-31-F77 x 32, XLR3-32-F77 x 32 D/MS3102A36-73P x 2, FK37-31S-R x 2	6.0

Multichannel Connector Pin Assignments

Ch No.	Cable Unit Identification			32ch		24ch		16ch		8ch / 12ch		
	L-4E3 Spiral Marker Color	M202 Insulator Color		D/MS3102A36-73 D/MS3106B36-73		D/MS3102A32A-10 D/MS3106B32A-10		FK37		NK27		
		Identifying Color	Common identifying Color	HOT	COLD	HOT	COLD	HOT	COLD	HOT	COLD	
1	RED	RED	WHT	A	B	A	B	1	2	1	3	
2	BLU	BLU		C	D	C	D	3	4	4	5	
3	YEL	YEL		F	H	F	G	5	6	6	7	
4	GRN	GRN		J	K	H	J	8	9	8	9	
5	GRN	BRN		L	M	K	L	10	11	11	12	
6	N/A	GRY	▼	N	P	N	O	12	13	13	14	
7	BLU • BLK	BLU	BLK	R	S	P	R	14	15	15	16	
8	YEL • BLK	YEL		T	U	S	T	16	17	17	18	
9	GRN • BLK	GRN		V	W	U	V	21	22	19	20	
10	BRN • BLK	BRN		Y	Z	X	Y	23	24	22	23	
11	BLK	GRY		a	b	Z	a	25	26	24	25	
12	BLU • ORN	BLU	ORN	c	d	b	c	27	28	26	27	
13	YEL • ORN	YEL		f	g	d	e	29	30	SHIELD		
14	GRN • ORN	GRN		h	i	g	h	32	33	10		
15	BRN • ORN	BRN		j	k	j	k	34	35			
16	ORN	GRY	▼	m	n	m	n	36	37			
17	BLU • PNK	BLU	PNK	u	v	p	q	SHIELD				
18	YEL • PNK	YEL		w	x	s	t	19				
19	BRN • PNK	BRN		AA	AB	w	x					
20	BRN • PNK	BRN		AA	AB	w	x					
21	PNK	GRY	▼	AC	AD	AB	z					
22	BLU • WHT	BLU	RED	AE	AF	AA	AC					
23	YEL • WHT	YEL		AH	AJ	AD	AF					
24	GRN • WHT	GRN		AL	AM	AG	AE					
25	-	BRN		AN	AP	SHIELD						
26	-	GRY	▼	AR	AS	E						
27	-	YEL	BLU	AT	AU							
28	-	GRN		AV	AW							
29	-	BRN	▼	AX	AY							
30	-	GRN	YEL	AZ	BA							
31	-	BRN		BC	BD							
32	-	GRY	▼	BE	BF							
				SHIELD								
				E	q	t						
				X	r	AK						
				P	s	BB						

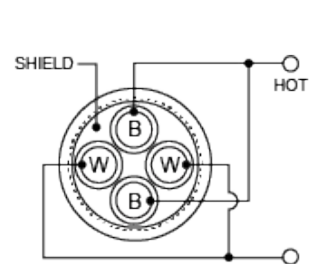


Note: Click pics to enlarges

Connection Method

L-4E3 Types:

Identify the channel number by the color of the spiral marker on the inner jacket (gray). The unit is 4-core construction and the insulator colors are blue, blue, white, and white. Connect these with the same colored cores, so that the blue cores are connected to the blue, white cores to Cold.



M202 Types:

The unit is 2-core construction, with the channel number identified by the insulator color (a combination of the identifying color and common identifying color). Connect the identifying color core to Hot, and the common identifying color core to Cold.

Connections to XLR Connectors

Polarity	HOT	COLD	SHIELD
Pin No.	2	3	1

Product Specifications
(8B1N2)

1/1
SAF030E
Ver 1.1

CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 8ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
8 B 1 N 2	0.9	1.2

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL030E

(4) Wiring Diagram As shown in Fig WDF030E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 271x124x94mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

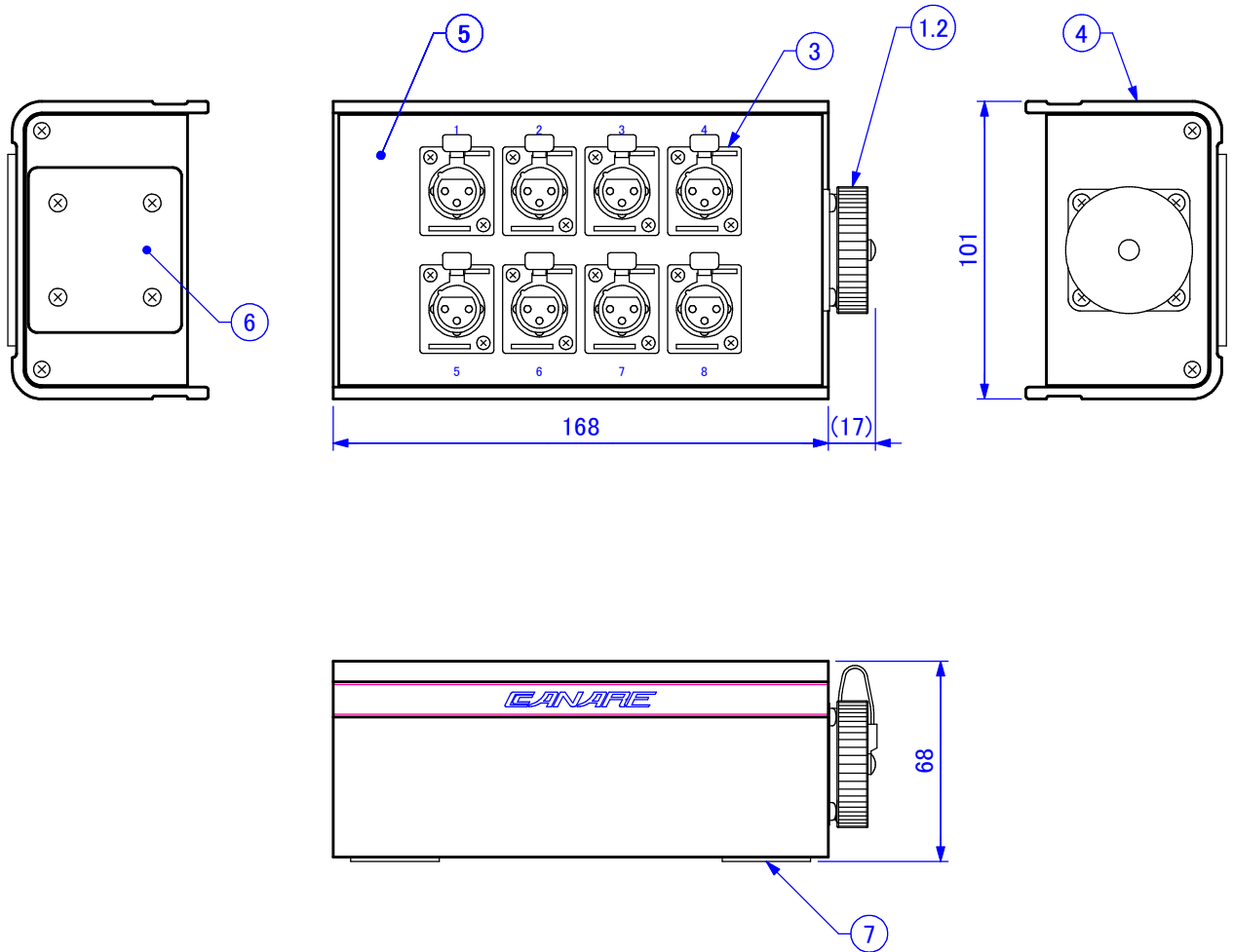
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



< WIRING DIAGRAM > WDF030E

7	Rubber Plate	BAF-01	2	Synthetic rubber t3.0 (black)				
6	Blank Panel	M-BPNK01	1	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)				
5	Connector Panel	8BF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10 Lock washer internal teeth				
4	U Side Panel	4U	1	A6063S (black) /Cross countersunk head M3x6				
3	XLR type CN	XLR3-31-F77	8	ITT Cannon /Cross pan head M2.5x8 SUS				
2	Multipin Connector	NK27-32S-R	1	JAE /Cross pan head M3.5x10 Fe/Ni/SW3.5				
1	Dust Cap	NC-02	1	Canare				
ITEM	DESCRIPTION	P/N	QTY.	REMARKS				
TITLE 8 CHANNEL JUNCTION BOX		PJTN. 	UNIT mm	SCALE 1:2.5	TOL. -	DATE Ver 1.4 2013-11-01	MODEL 8B1N2	DRW. No. FL030E

Product Specifications
(8B2N1)

1/1
SAF031E
Ver 1.1

CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 8ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
8 B 2 N 1	1. 1	1. 4

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL031E

(4) Wiring Diagram As shown in Fig WDF030E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 271x124x94mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

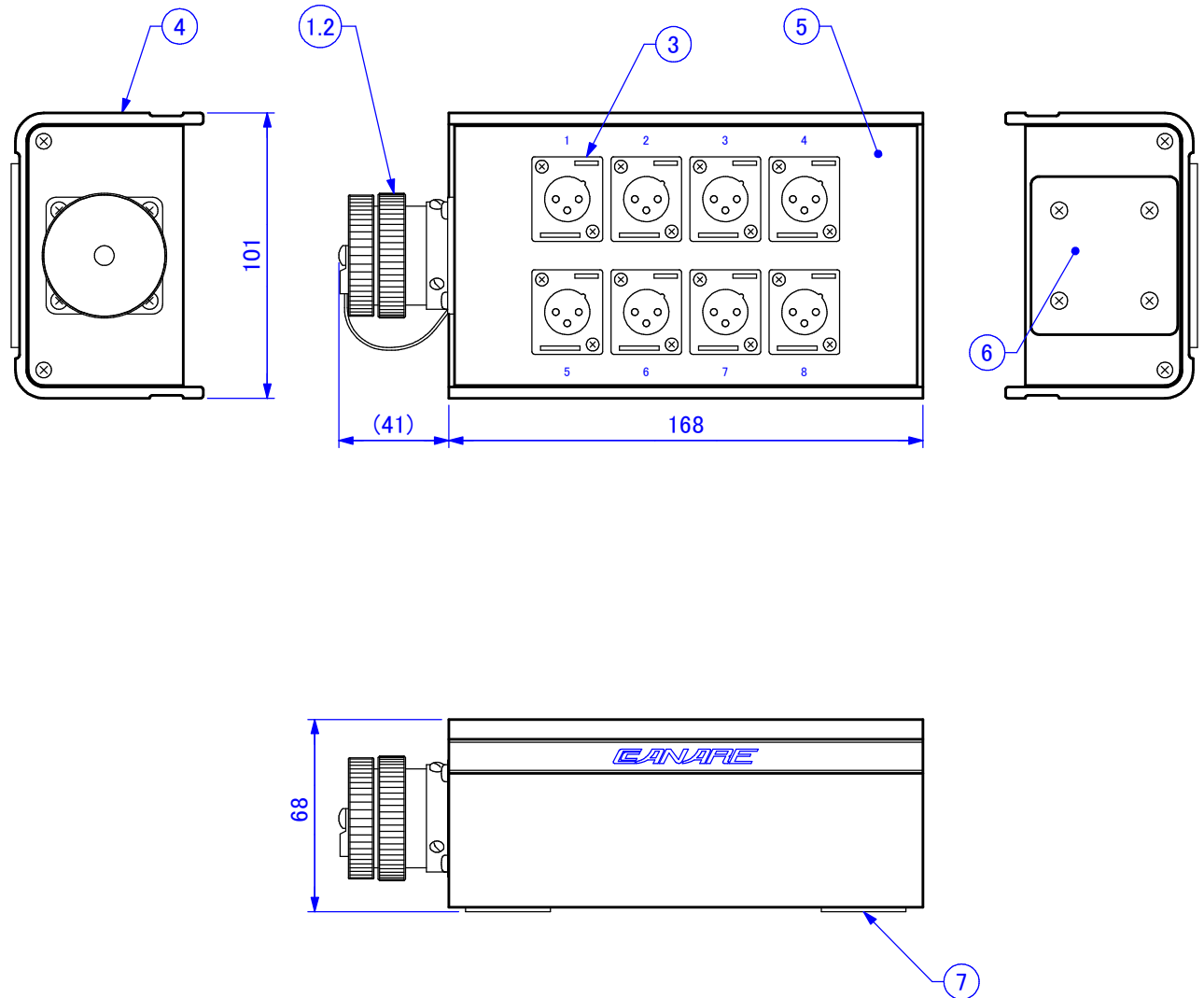
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≧DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



< WIRING DIAGRAM > WDF030E

7	Rubber Plate	BAF-01	2	Synthetic rubber t3.0 (black)					
6	Blank Panel	M-BPNK01	1	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)					
5	Connector Panel	8B2-F77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10 Lock washer internal teeth					
4	U Side Panel	4U	1	A6063S (black) /Cross countersunk head M3x6					
3	XLR type CN	XLR3-32-F77	8	ITT Cannon /Cross pan head M2.5x8 SUS					
2	Multipin Connector	NK27-31S-R	1	JAE /Cross pan head M3.5x10 Fe/Ni/SW3.5					
1	Dust Cap	NC-01	1	Canare					
ITEM	DESCRIPTION	P/N	QTY.	REMARKS					
TITLE	8 CHANNEL JUNCTION BOX	PJTN. 	UNIT mm	SCALE 1:2.5	TOL. —	DATE 2013-11-01	Ver 1.4	MODEL 8B2N1	DRW. No. FL031E

Product Specifications
(8J12N1)

1/1
SAF032E
Ver 1.1

CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 8ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
8 J 1 2 N 1	1. 5	1. 9

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL032E

(4) Wiring Diagram As shown in Fig WDF032E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 383x124x94mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

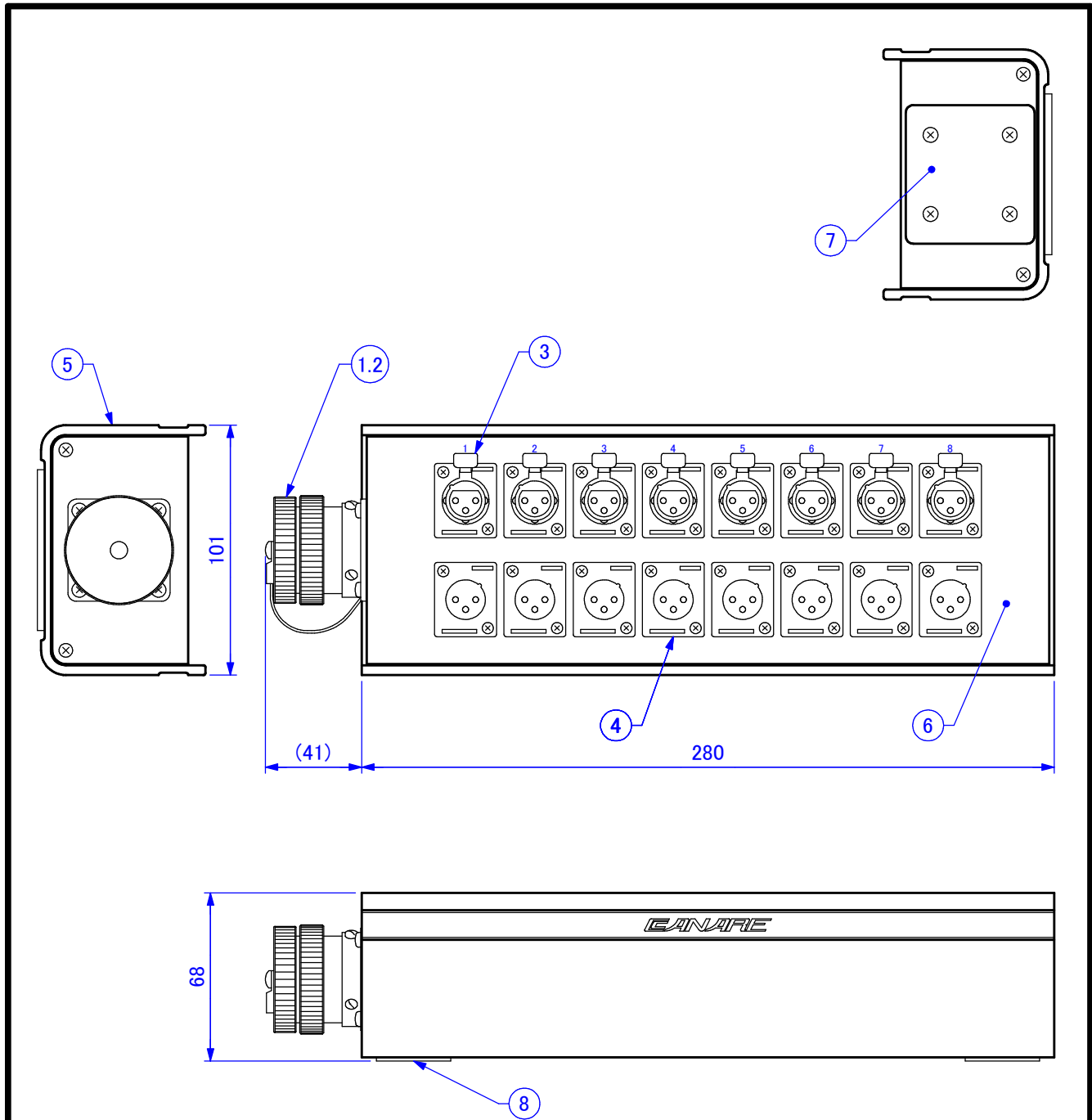
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



< WIRING DIAGRAM > WDF032E

8	Rubber Plate	BAF-01	2	Synthetic rubber t3.0 (black)				
7	Blank Panel	M-BPNK01	1	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)				
6	Connector Panel	8JF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10 Lock washer internal teeth				
5	U Side Panel	8U	1	A6063S (black) /Cross countersunk head M3x6				
4	XLR type CN	XLR3-32-F77	8	ITT Cannon /Cross pan head M2.5x8 SUS				
3	XLR type CN	XLR3-31-F77	8	ITT Cannon /Cross pan head M2.5x8 SUS				
2	Multipin Connector	NK27-31S-R	1	JAE /Cross pan head M3.5x10 Fe/Ni/SW3.5				
1	Dust Cap	NC-01	1	Canare				
ITEM	DESCRIPTION	P/N	QTY.	REMARKS				
TITLE 8 CHANNEL JUNCTION BOX		PJTN. 	UNIT mm	SCALE 1:2.5	TOL. -	DATE Ver 1.4 2013-11-01	MODEL 8J12N1	DRW. No. FL032E

Product Specifications
(8J12N2)

1/1
SAF034E
Ver 1.1
CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 8ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
8 J 1 2 N 2	1. 5	1. 9

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL034E

(4) Wiring Diagram As shown in Fig WDF032E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 383x124x94mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

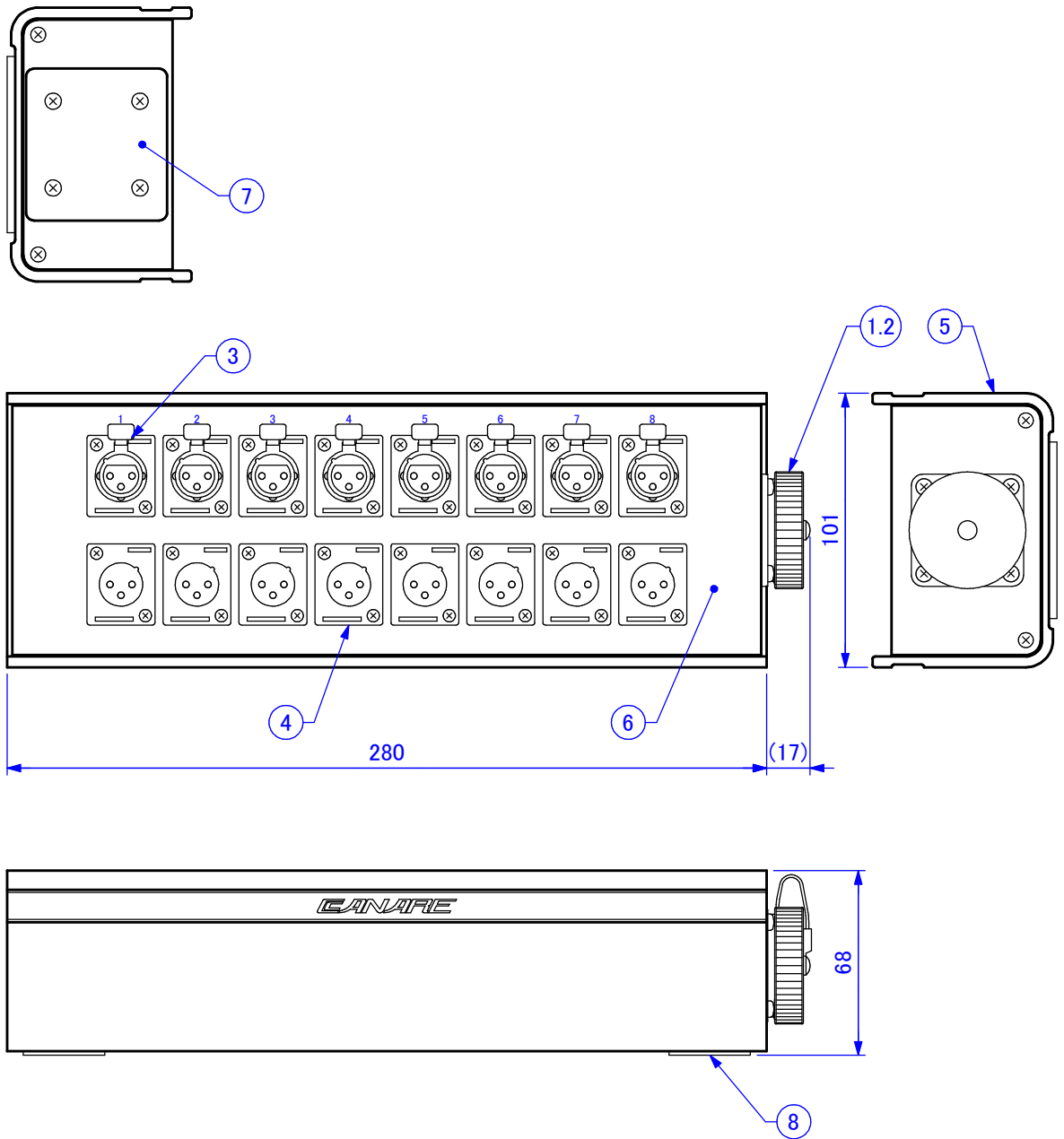
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



< WIRING DIAGRAM > WDF032E

8	Rubber Plate	BAF-01	2	Synthetic rubber t3.0 (black)				
7	Blank Panel	M-BPNK01	1	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)				
6	Connector Panel	8JF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10 Lock washer internal teeth				
5	U Side Panel	8U	1	A6063S (black) /Cross countersunk head M3x6				
4	XLR type CN	XLR3-32-F77	8	ITT Cannon /Cross pan head M2.5x8 SUS				
3	XLR type CN	XLR3-31-F77	8	ITT Cannon /Cross pan head M2.5x8 SUS				
2	Multipin Connector	NK27-32S-R	1	JAE /Cross pan head M3.5x10 Fe/Ni/SW3.5				
1	Dust Cap	NC-02	1	Canare				
ITEM	DESCRIPTION	P/N	QTY.	REMARKS				
TITLE 8 CHANNEL JUNCTION BOX		PJTN. 	UNIT mm	SCALE 1:2.5	TOL. -	DATE Ver 1.4 2013-11-01	MODEL 8J12N2	DRW. No. FL034E

Product Specifications
(8J12N12)

1/1
SAF033E
Ver 1.1

CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 8ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
8 J 1 2 N 1 2	1. 6	2. 0

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL033E

(4) Wiring Diagram As shown in Fig WDF032E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 383x124x94mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

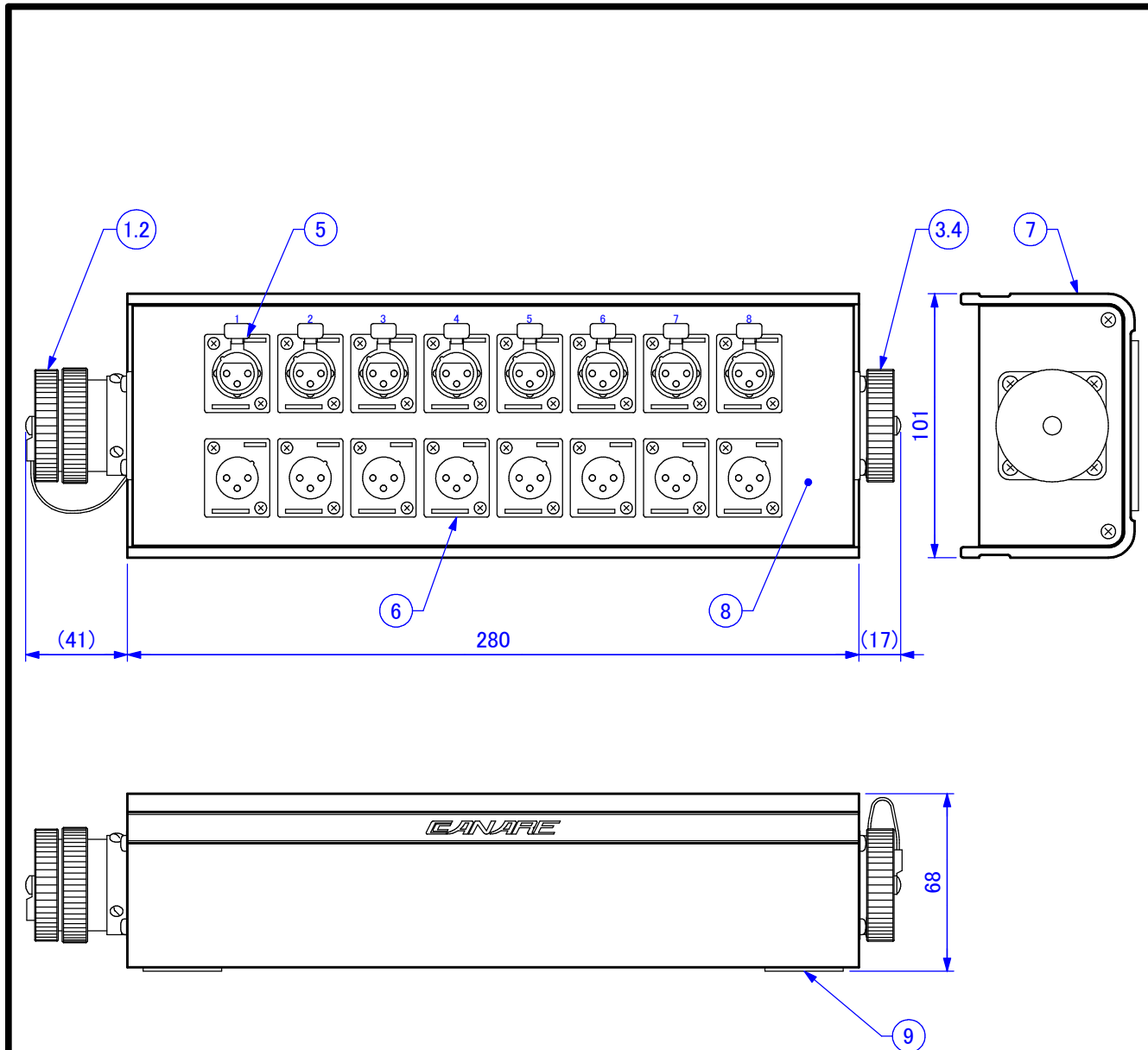
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



< WIRING DIAGRAM > WDF032E

9	Rubber Plate	BAF-01	2	Synthetic rubber t3.0 (black)
8	Connector Panel	8JF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10 Lock washer internal teeth
7	U Side Panel	8U	1	A6063S (black) /Cross countersunk head M3x6
6	XLR type CN	XLR3-32-F77	8	ITT Cannon /Cross pan head M2.5x8 SUS
5	XLR type CN	XLR3-31-F77	8	ITT Cannon /Cross pan head M2.5x8 SUS
4	Multipin Connector	NK27-32S-R	1	JAE /Cross pan head M3.5x10 Fe/Ni/SW3.5
3	Dust Cap	NC-02	1	Canare
2	Multipin Connector	NK27-31S-R	1	JAE /Cross pan head M3.5x10 Fe/Ni/SW3.5
1	Dust Cap	NC-01	1	Canare
ITEM	DESCRIPTION	P/N	QTY.	REMARKS

TITLE	8 CHANNEL JUNCTION BOX	PJTN.	UNIT	SCALE	TOL.	DATE	Ver 1.4	MODEL	DRW. No.
			mm	1:2.5	-	2013-11-01		8J12N12	FL033E

Product Specifications
(12B1N2)

1/1
SAF038E
Ver 1.1
CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 12ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
1 2 B 1 N 2	1. 3	1. 7

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL038E

(4) Wiring Diagram As shown in Fig WDF038E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 327x124x94mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

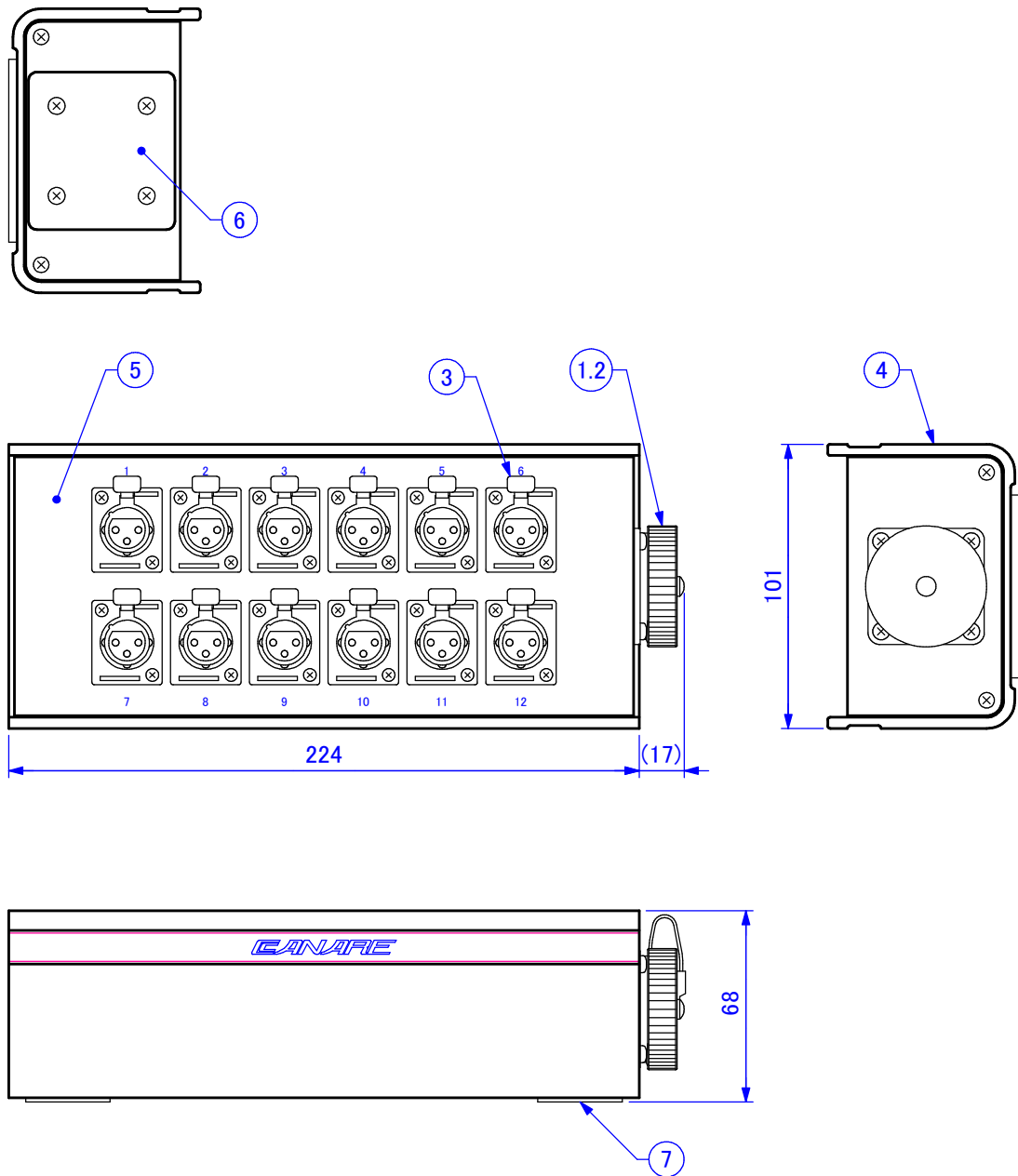
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≧DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



<WIRING DIAGRAM> WDF038E

7	Rubber Plate	BAF-01	2	Synthetic rubber t3.0 (black)					
6	Blank Panel	M-BPNK01	1	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)					
5	Connector Panel	12BF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10 Lock washer internal teeth					
4	U Side Panel	6U	1	A6063S (black) /Cross countersunk head M3x6					
3	XLR type CN	XLR3-31-F77	12	ITT Cannon /Cross pan head M2.5x8 SUS					
2	Multipin Connector	NK27-32S-R	1	JAE /Cross pan head M3.5x10 Fe/Ni/SW3.5					
1	Dust Cap	NC-02	1	Canare					
ITEM	DESCRIPTION	P/N	QTY.	REMARKS					
TITLE	12 CHANNEL JUNCTION BOX	PJTN. 	UNIT mm	SCALE 1:2.5	TOL. -	DATE 2013-11-01	Ver 1.4	MODEL 12B1N2	DRW. No. FL038E

Product Specifications
(12B2N1)

1/1
SAF039E
Ver 1.1
CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 12ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
1 2 B 2 N 1	1 . 2	1 . 6

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL039E

(4) Wiring Diagram As shown in Fig WDF038E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 327x124x94mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

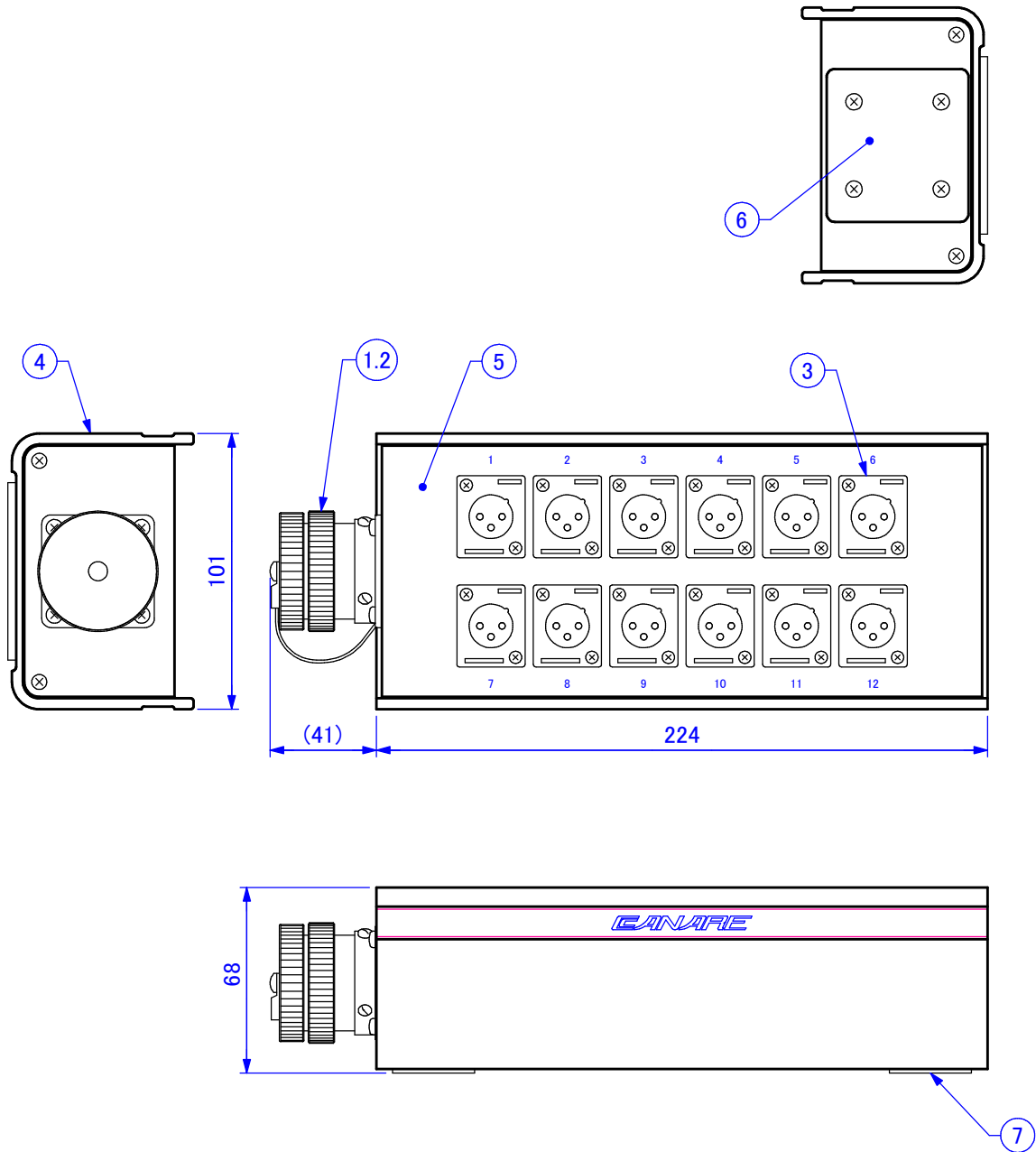
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



<WIRING DIAGRAM> WDF038E

7	Rubber Plate	BAF-01	2	Synthetic rubber t3.0 (black)					
6	Blank Panel	M-BPNK01	1	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)					
5	Connector Panel	12BF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10 Lock washer internal teeth					
4	U Side Panel	6U	1	A6063S (black) /Cross countersunk head M3x6					
3	XLR type CN	XLR3-32-F77	12	ITT Cannon /Cross pan head M2.5x8 SUS					
2	Multipin Connector	NK27-31S-R	1	JAE /Cross pan head M3.5x10 Fe/Ni/SW3.5					
1	Dust Cap	NC-01	1	Canare					
ITEM	DESCRIPTION	P/N	QTY.	REMARKS					
TITLE	12 CHANNEL JUNCTION BOX	PJTN. 	UNIT mm	SCALE 1:2.5	TOL. —	DATE 2013-11-01	Ver 1.4	MODEL 12B2N1	DRW. No. FL039E

Product Specifications
(12J12N1)

1/1
SAF040E
Ver 1.1

CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 12ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
1 2 J 1 2 N 1	2. 1	2. 4

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL040E

(4) Wiring Diagram As shown in Fig WDF040E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 495x124x94mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

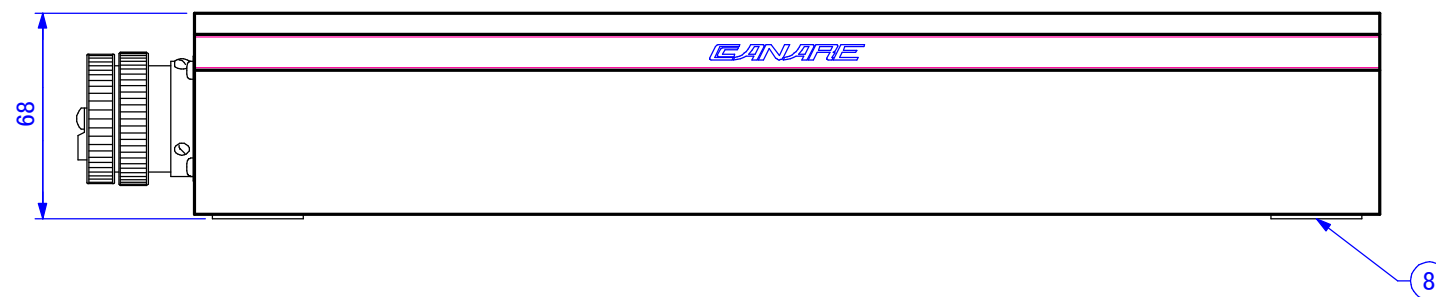
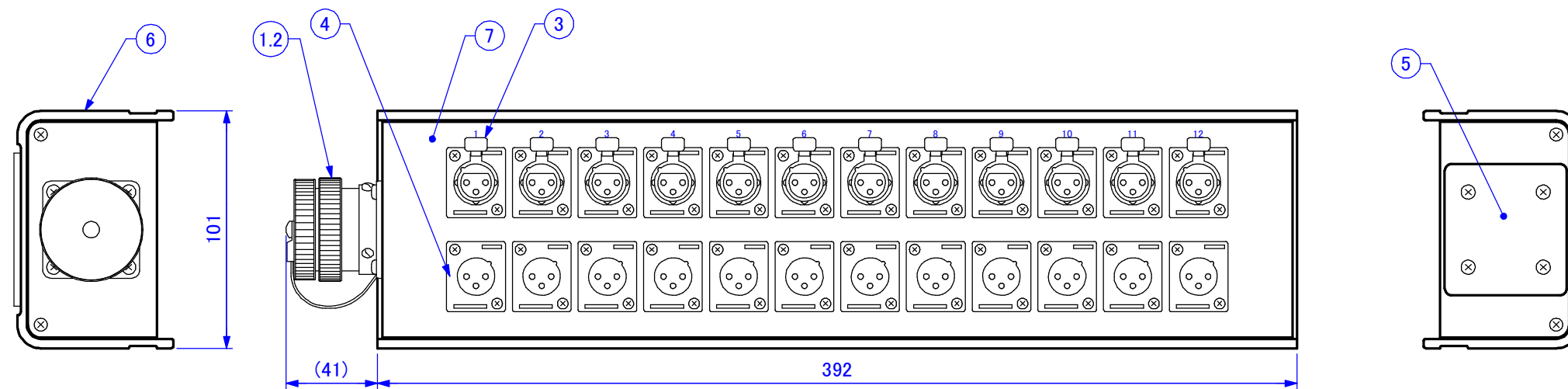
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



<WIRING DIAGURAM> WDF040E

ITEM	DESCRIPTION	P/N	QTY.	REMARKS
8	Rubber Plate	BAF-01	2	Synthetic rubber t3.0 (black)
7	Connector Panel	12JF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10 Lock washer internal teeth
6	U Side Panel	12U	1	A6063S (black) /Cross countersunk head M3x6
5	Blank Panel	M-BPNK01	1	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)
4	XLR type CN	XLR3-32-F77	12	ITT Cannon /Cross pan head M2.5x8 SUS
3	XLR type CN	XLR3-31-F77	12	ITT Cannon /Cross pan head M2.5x8 SUS
2	Multipin Connector	NK27-31S-R	1	JAE /Cross pan head M3.5x10 Fe/Ni/SW3.5
1	Dust Cap	NC-01	1	Canare

TITLE	12 CHANNEL JUNCTION BOX	PJTN	UNIT	SCALE	TOL.	DATE	Ver 1.4	MODEL	DRW .No.
			mm	1:2.5	-	2013-11-01		12J12N1	FL040E

Product Specifications
(12J12N2)

1/1
SAF042E
Ver 1.1

CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 12ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
12J12N2	2.1	2.4

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL042E

(4) Wiring Diagram As shown in Fig WDF040E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 495x124x94mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

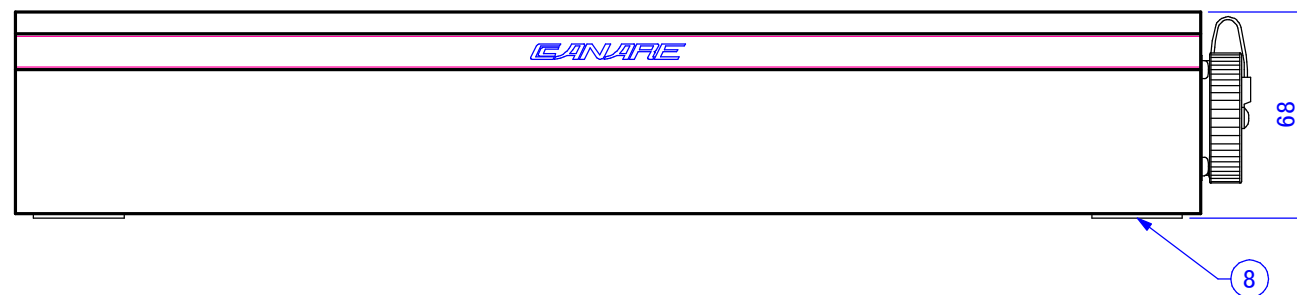
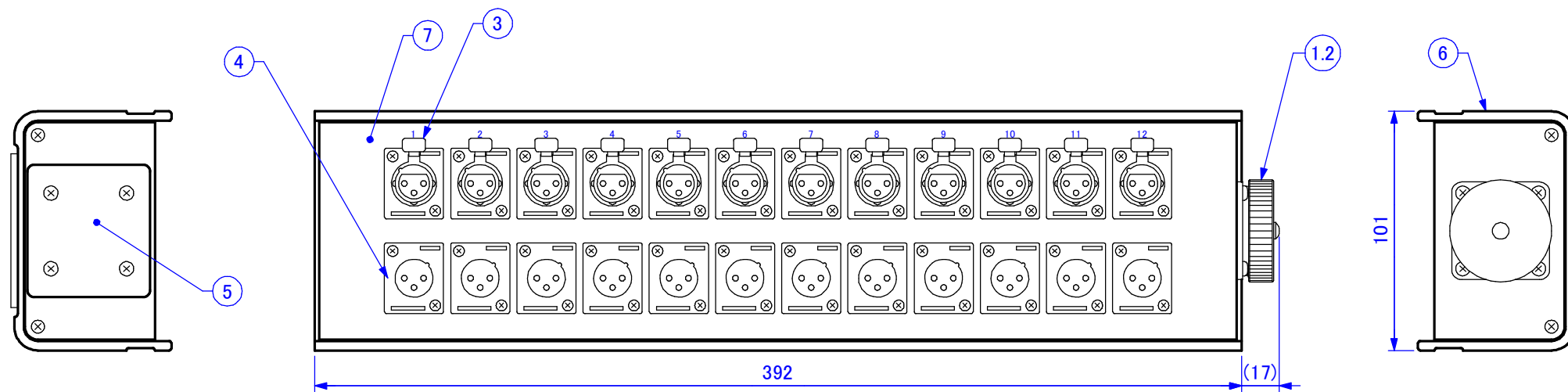
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



<WIRING DIAGRAM> WDF003E

8	Rubber Plate	BAF-01	2	Synthetic rubber t3.0 (black)
7	Connector Panel	12JF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10 Lock washer internal teeth
6	U Side Panel	12U	1	A6063S (black) /Cross countersunk head M3x6
5	Blank Panel	M-BPNK01	1	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)
4	XLR type CN	XLR3-32-F77	12	ITT Cannon /Cross pan head M2.5x8 SUS
3	XLR type CN	XLR3-31-F77	12	ITT Cannon /Cross pan head M2.5x8 SUS
2	Multipin Connector	NK27-32S-R	1	JAE /Cross pan head M3.5x10 Fe/Ni/SW3.5
1	Dust Cap	NC-02	1	Canare
ITEM	DESCRIPTION	P/N	QTY.	REMARKS

TITLE	12ch CHANNEL JUNCTION BOX	PJTN	UNIT	SCALE	TOL.	DATE	Ver 1.4	MODEL	DRW .No.
			mm	1:2.5	-	2013-11-01		12J12N2	FL042E

Product Specifications
(12J12N12)

1/1
SAF041E
Ver 1.1
CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 12ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
12J12N12	2.2	2.5

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL041E

(4) Wiring Diagram As shown in Fig WDF040E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 495x124x94mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

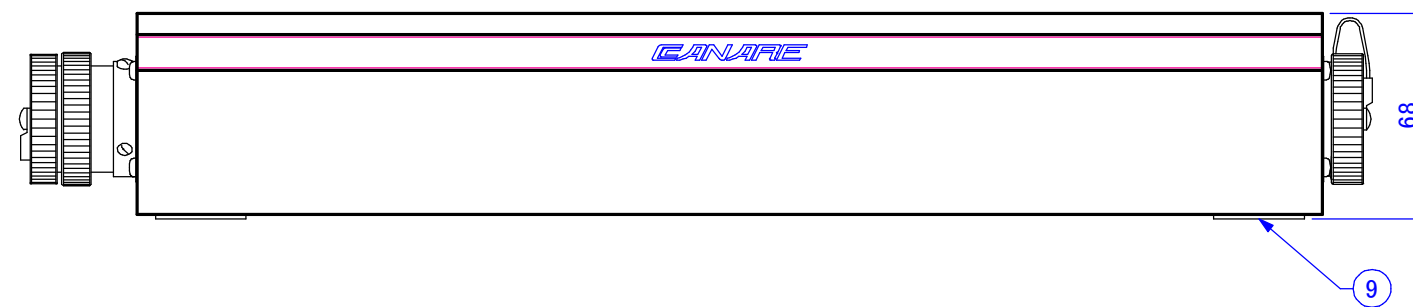
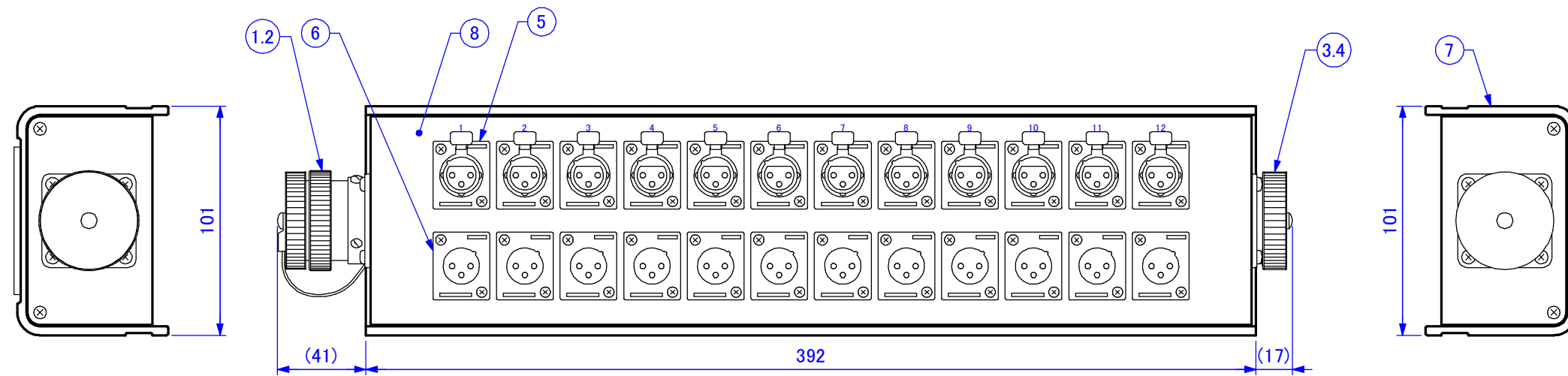
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



<WIRING DIAGURAM> WDF040E

9	Rubber Plate	BAF-01	2	Synthetic rubber t3.0 (black)
8	Connector Panel	12JF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10 Lock washer internal teeth
7	U Side Panel	12U	1	A6063S (black) /Cross countersunk head M3x6
6	XLR type CN	XLR3-32-F77	12	ITT Cannon /Cross pan head M2.5x8 SUS
5	XLR type CN	XLR3-31-F77	12	ITT Cannon /Cross pan head M2.5x8 SUS
4	Multipin Connector	NK27-32S-R	1	JAE /Cross pan head M3.5x10 Fe/Ni/SW3.5
3	Dust Cap	NC-02	1	Canare
2	Multipin Connector	NK27-31S-R	1	JAE /Cross pan head M3.5x10 Fe/Ni/SW3.5
1	Dust Cap	NC-01	1	Canare
ITEM	DESCRIPTION	P/N	QTY.	REMARKS

TITLE	12ch CHANNEL JUNCTION BOX	PJTN	UNIT	SCALE	TOL.	DATE	Ver 1.4	MODEL	DRW .No.
			mm	1:2.5	-	2013-11-01		12J12N12	FL041E

Product Specifications
(16B1F2)

1/1
SAF043E
Ver 1.1
CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 16ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
1 6 B 1 F 2	1 . 6	2 . 0

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL043E

(4) Wiring Diagram As shown in Fig WDF043E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 383x124x94mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

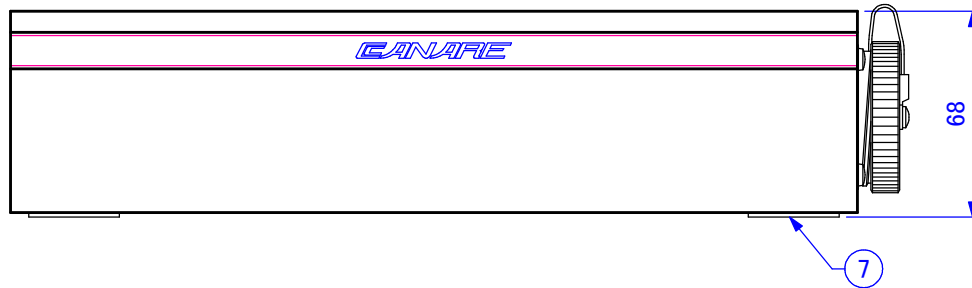
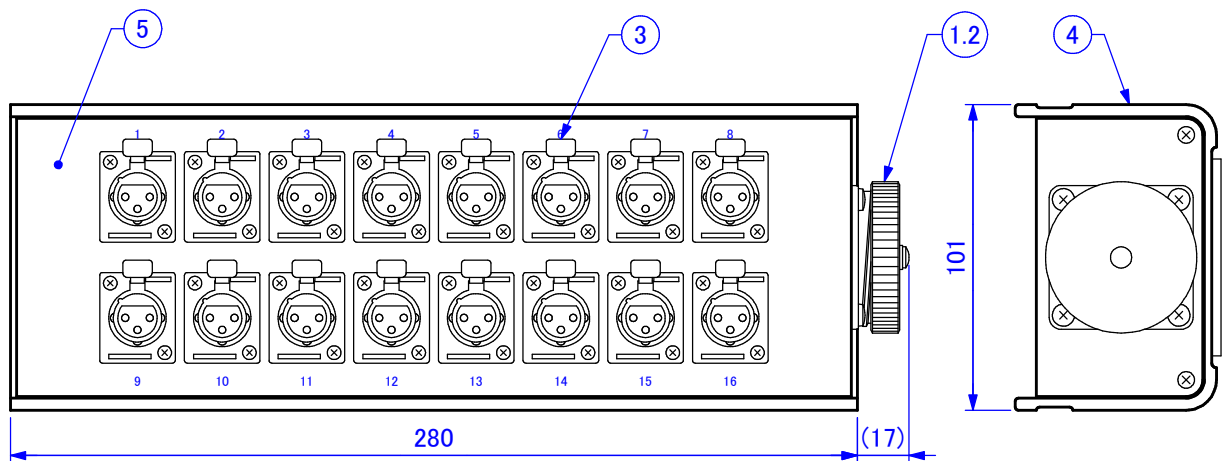
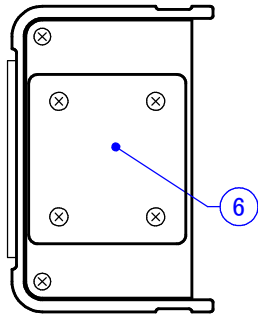
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



<WIRING DIAGRAM> WDF043E

7	Rubber Plate	BAF-01	2	Synthetic rubber t3.0 (black)					
6	Blank Panel	M-BPFK01	1	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)					
5	Connector Panel	16BF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10 Lock washer internal teeth					
4	U Side Panel	8U	1	A6063S (black) /Cross countersunk head M3x6					
3	XLR type CN	XLR3-31-F77	16	ITT Cannon /Cross pan head M2.5x8 SUS					
2	Multipin Connector	FK37-32S-R	1	JAE /Cross binding head M3.5x10 Fe/Ni					
1	Dust Cap	FC-02	1	Canare					
ITEM	DESCRIPTION	P/N	QTY.	REMARKS					
TITLE	16 CHANNEL JUNCTION BOX	PJTN. 	UNIT mm	SCALE 1:2.5	TOL. —	DATE 2013-11-01	Ver 1.3	MODEL 16B1F2	DRW. No. FL043E

Product Specifications
(16B2F1)

1/1
SAF044E
Ver 1.1

CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 16ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
1 6 B 2 F 1	—	—

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL044E

(4) Wiring Diagram As shown in Fig WDF043E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 383x124x94mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

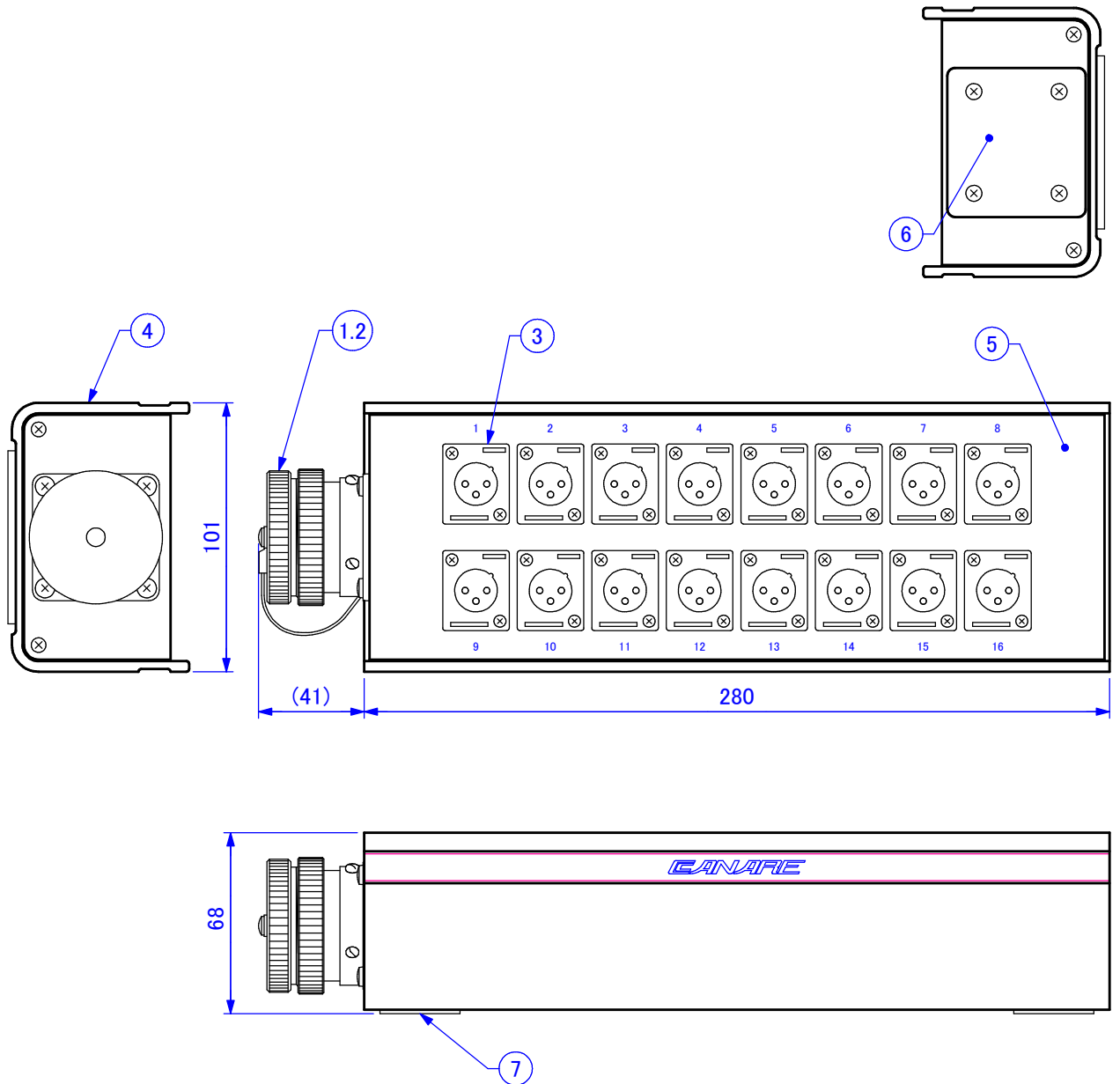
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



<WIRING DIAGRAM> WDF043E

7	Rubber Plate	BAF-01	2	Synthetic rubber t3.0 (black)				
6	Blank Panel	M-BPFK01	1	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)				
5	Connector Panel	16BF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10 Lock washer internal teeth				
4	U Side Panel	8U	1	A6063S (black) /Cross countersunk head M3x6				
3	XLR type CN	XLR3-32-F77	16	ITT Cannon /Cross pan head M2.5x8 SUS				
2	Multipin Connector	FK37-31S-R	1	JAE /Cross binding head M3.5x10 Fe/Ni/SW3.5				
1	Dust Cap	FC-01	1	Canare				
ITEM	DESCRIPTION	P/N	QTY.	REMARKS				
TITLE	16 CHANNEL JUNCTION BOX	PJTN. 	UNIT mm	SCALE 1:2.5	TOL. —	DATE Ver 1.4 2013-11-01	MODEL 16B2F1	DRW. No. FL044E

Product Specifications
(16J12F1)

1/1
SAF045E
Ver 1.1
CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 16ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
1 6 J 1 2 F 1	2. 5	3. 0

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL045E

(4) Wiring Diagram As shown in Fig WDF045E

(5) Packaging Individual plastic bag packing per box.
(Dimensions of cardboard box 607x124x94mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

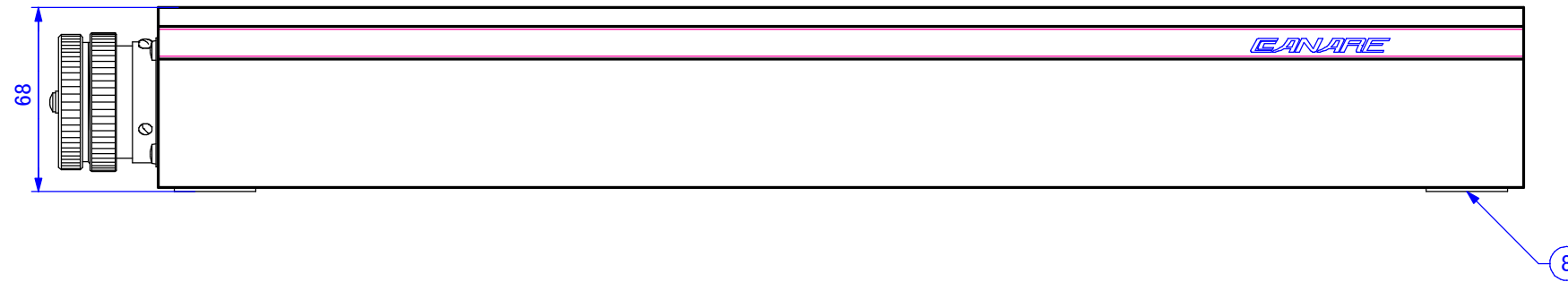
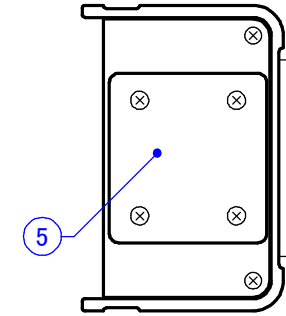
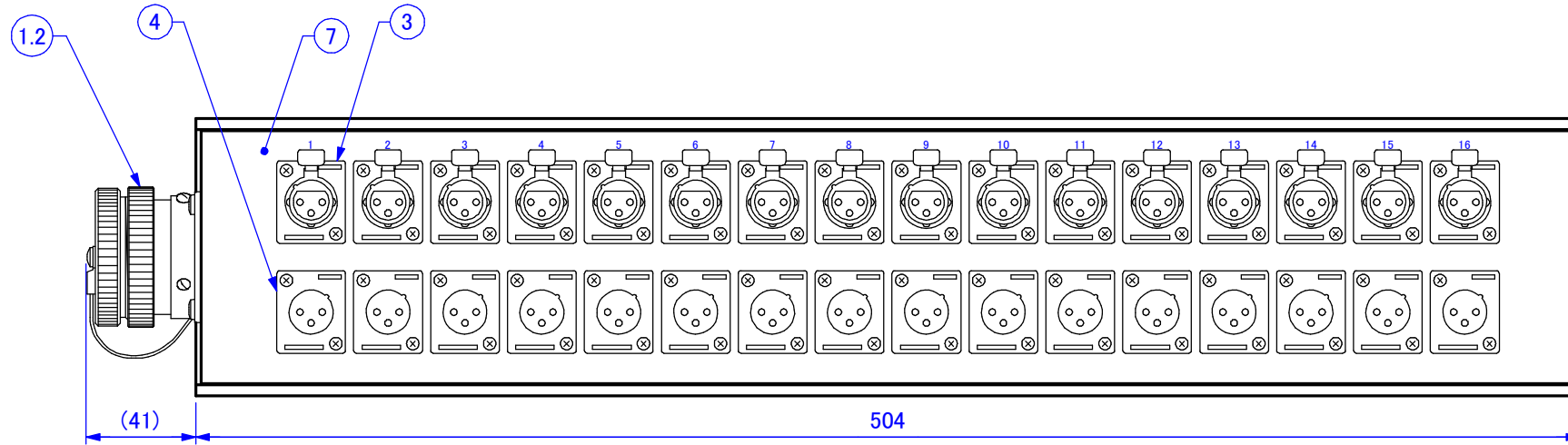
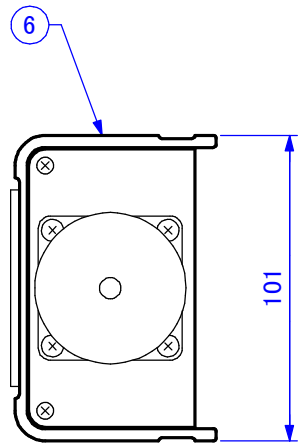
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



<WIRING DIAGURAM> WDF045E

8	Rubber Plate	BAF-01	2	Synthetic rubber t3.0 (black)
7	Connector Panel	16JF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10 Lock washer internal teeth
6	U Side Panel	16U	1	A6063S (black) /Cross countersunk head M3x6
5	Blank Panel	M-BPFK01	1	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)
4	XLR type CN	XLR3-32-F77	16	ITT Cannon /Cross pan head M2.5x8 SUS
3	XLR type CN	XLR3-31-F77	16	ITT Cannon /Cross pan head M2.5x8 SUS
2	Multipin Connector	FK37-31S-R	1	JAE /Cross binding head M3.5x10 Fe/Ni/SW3.5
1	Dust Cap	FC-01	1	Canare
ITEM	DESCRIPTION	P/N	QTY.	REMARKS

TITLE	16 CHANNEL JUNCTION BOX	PJTN	UNIT	SCALE	TOL.	DATE	Ver 1.4	MODEL	DRW .No.
			mm	1:2.5	-	2013-11-01		16J12F1	FL045E

Product Specifications
(16J12F2)

1/1
SAF047E
Ver 1.1

CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 16ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
1 6 J 1 2 F 2	2. 5	3. 0

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL047E

(4) Wiring Diagram As shown in Fig WDF045E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 607x124x94mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

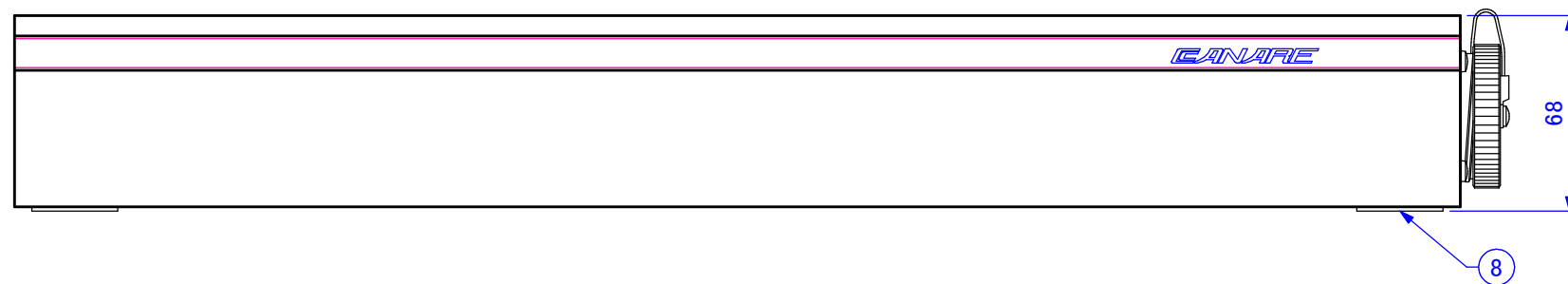
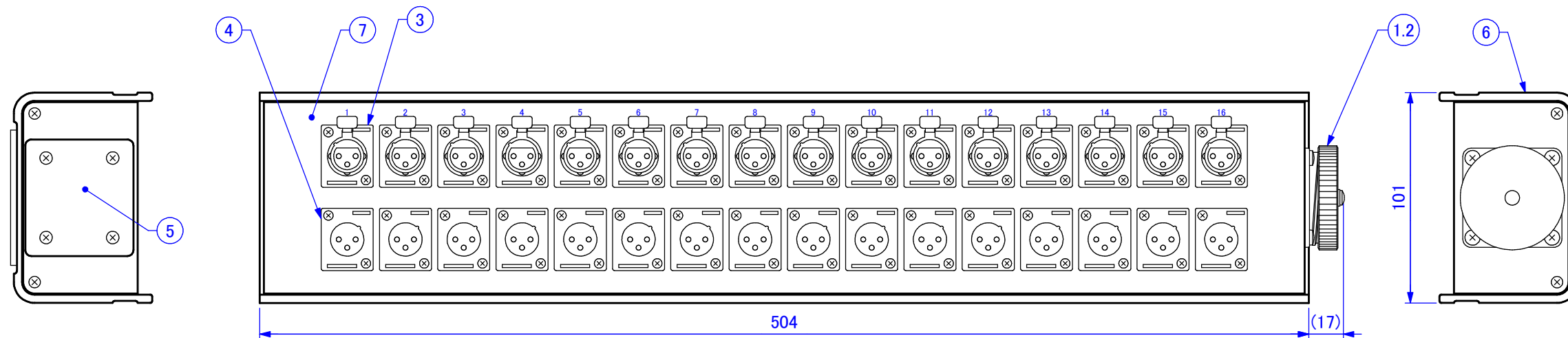
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



<WIRING DIAGURAM> WDF045E

8	Rubber Plate	BAF-01	2	Synthetic rubber t3.0 (black)
7	Connector Panel	16JF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10 Lock washer internal teeth
6	U Side Panel	16U	1	A6063S (black) /Cross countersunk head M3x6
5	Blank Panel	M-BPFK01	1	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)
4	XLR type CN	XLR3-32-F77	16	ITT Cannon /Cross pan head M2.5x8 SUS
3	XLR type CN	XLR3-31-F77	16	ITT Cannon /Cross pan head M2.5x8 SUS
2	Multipin Connector	FK37-32S-R	1	JAE /Cross binding head M3.5x10 Fe/Ni/SW3.5
1	Dust Cap	FC-02	1	Canare
ITEM	DESCRIPTION	P/N	QTY.	REMARKS

TITLE	16 CHANNEL JUNCTION BOX	PJTN	UNIT	SCALE	TOL.	DATE	Ver 1.4	MODEL	DRW .No.
			mm	1:2.5	-	2013-11-01		16J12F2	FL047E

Product Specifications
(16J12F12)

1/1
SAF046E
Ver 1.1
CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 16ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
1 6 J 1 2 F 1 2	2. 6	3. 1

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL046E

(4) Wiring Diagram As shown in Fig WDF045E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 607x124x94mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

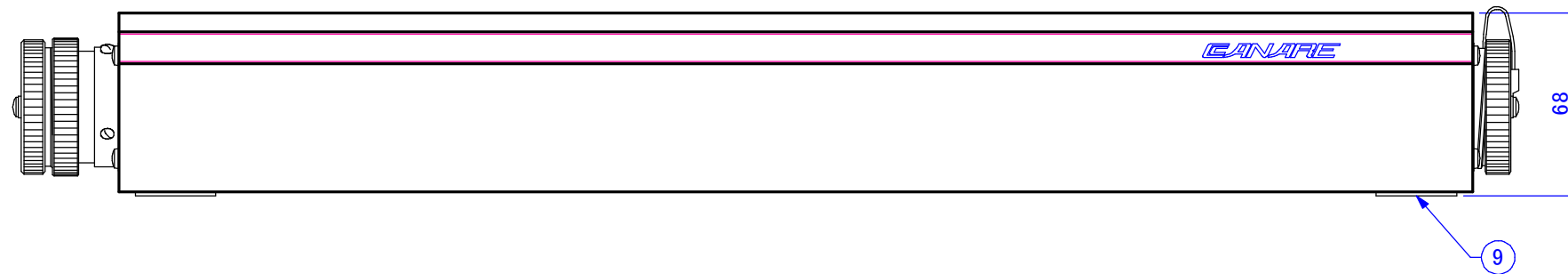
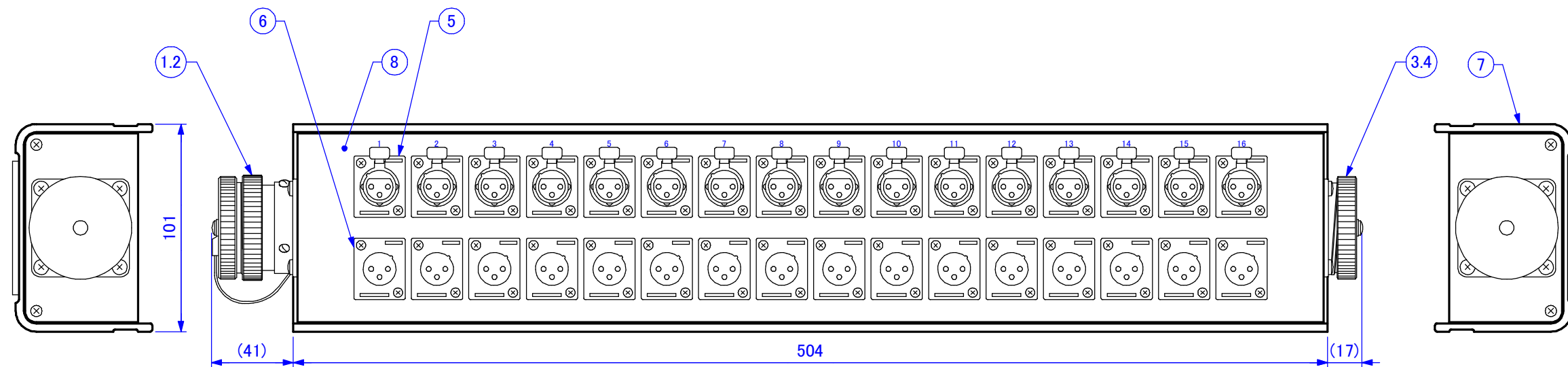
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



<WIRING DIAGURAM> WDF045E

9	Rubber Plate	BAF-01	2	Synthetic rubber t3.0 (black)
8	Connector Panel	16JF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10 Lock washer internal teeth
7	U Side Panel	16U	1	A6063S (black) /Cross countersunk head M3x6
6	XLR type CN	XLR3-32-F77	16	ITT Cannon /Cross pan head M2.5x8 SUS
5	XLR type CN	XLR3-31-F77	16	ITT Cannon /Cross pan head M2.5x8 SUS
4	Multipin Connector	FK37-32S-R	1	JAE /Cross binding head M3.5x10 Fe/Ni/SW3.5
3	Dust Cap	FC-02	1	Canare
2	Multipin Connector	FK37-31S-R	1	JAE /Cross binding head M3.5x10 Fe/Ni/SW3.5
1	Dust Cap	FC-01	1	Canare
ITEM	DESCRIPTION	P/N	QTY.	REMARKS

TITLE	16 CHANNEL JUNCTION BOX	PJTN	UNIT	SCALE	TOL.	DATE	Ver 1.4	MODEL	DRW .No.
			mm	1:2.5	-	2013-11-01		16J12F12	FL046E

CANARE

Product Specifications
(32B12MWF11)

1/1
SAF053E
Ver 1.1
CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 32ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
3 2 B 1 2 M W F 1 1	6 . 0	7 . 3

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL053E

(4) Wiring Diagram As shown in Fig WDF050E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 620x245x135mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

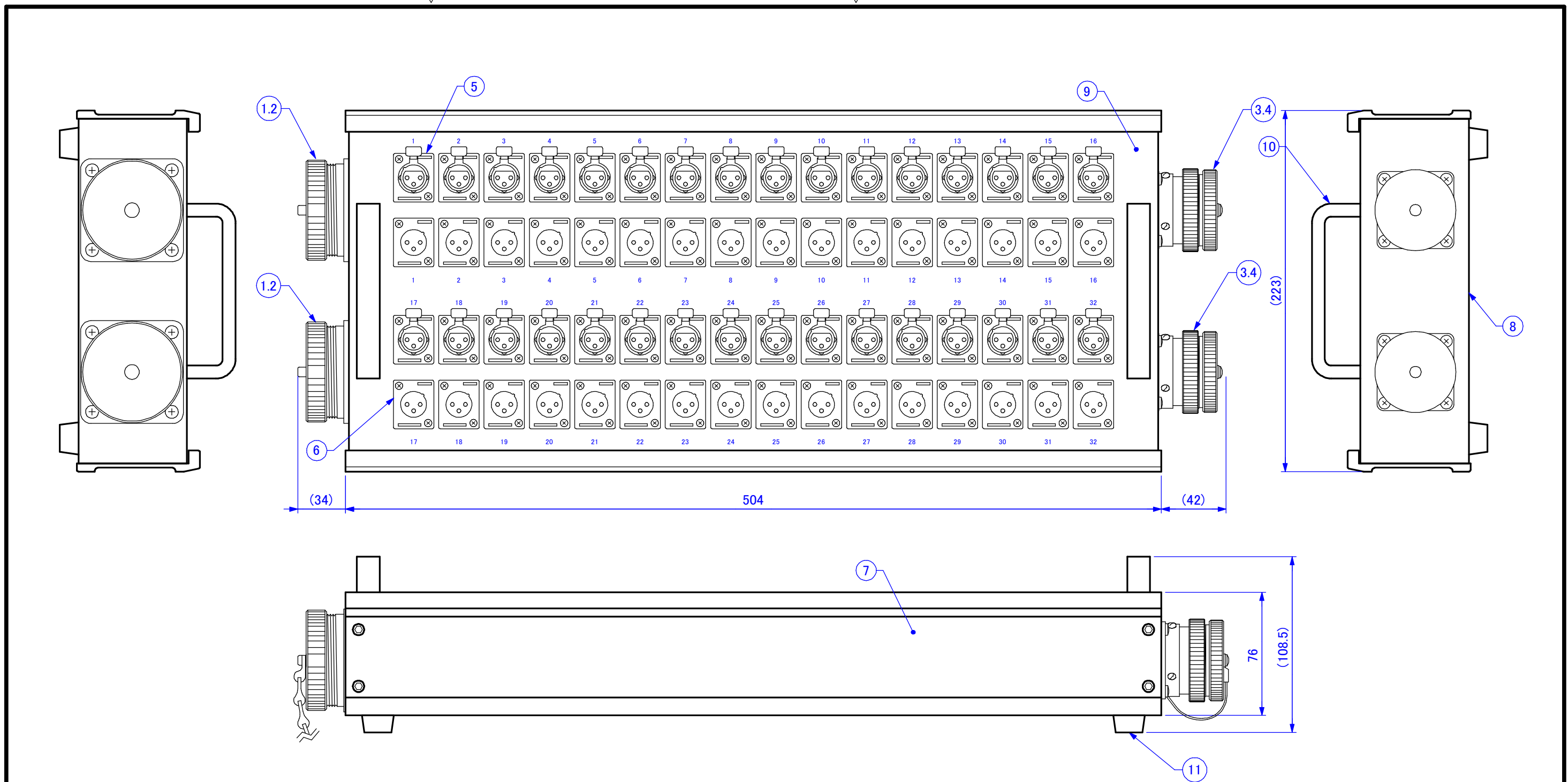
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



<WIRING DIAGURAM> WDF050E

ITEM	DESCRIPTION	P/N	QTY.	REMARKS
11	Plastic Foot	BU-4850-B	2	SATO Parts
10	Handgrip	BH-02	2	(black) /Hexagon socket head cap M5x8 Fe/Zn (black)
9	Connector Panel	32BF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10
8	Bottom Plate	32BK	1	Alloy Steel t1.0 Fe/Zn
7	Side Panel	16A	2	A6063S (black) /Hexagon socket head cap M4x8 Fe/Zn (black)
6	XLR type CN	XLR3-32-F77	32	ITT Cannon /Cross pan head M2.5x8 SUS
5	XLR type CN	XLR3-31-F77	32	ITT Cannon /Cross pan head M2.5x8 SUS
4	Multipin Connector	FK37-31S-R	2	JAE /Cross binding head M3.5x10 Fe/Ni/SW3.5
3	Dust Cap	FC-01	2	Canare
2	Multipin Connector	D/MS3102A36-73P	2	DDK /Cross binding head M3.5x10 Fe/Zn (black)/SW3.5
1	Dust Cap	D/MS25043-36D	2	DDK

TITLE	32 CHANNEL JUNCTION BOX	PJTN	UNIT	SCALE	TOL.	DATE	Ver 1.3	MODEL	DRW .No.
			mm	1:2.5	-	2013-11-01		32B12MWF11	FL053E

Product Specifications
(32B12MSW)

1/1
SAF052E
Ver 1.1

CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 32ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
3 2 B 1 2 MSW	5. 5	6. 8

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL052E

(4) Wiring Diagram As shown in Fig WDF050E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 620x245x135mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

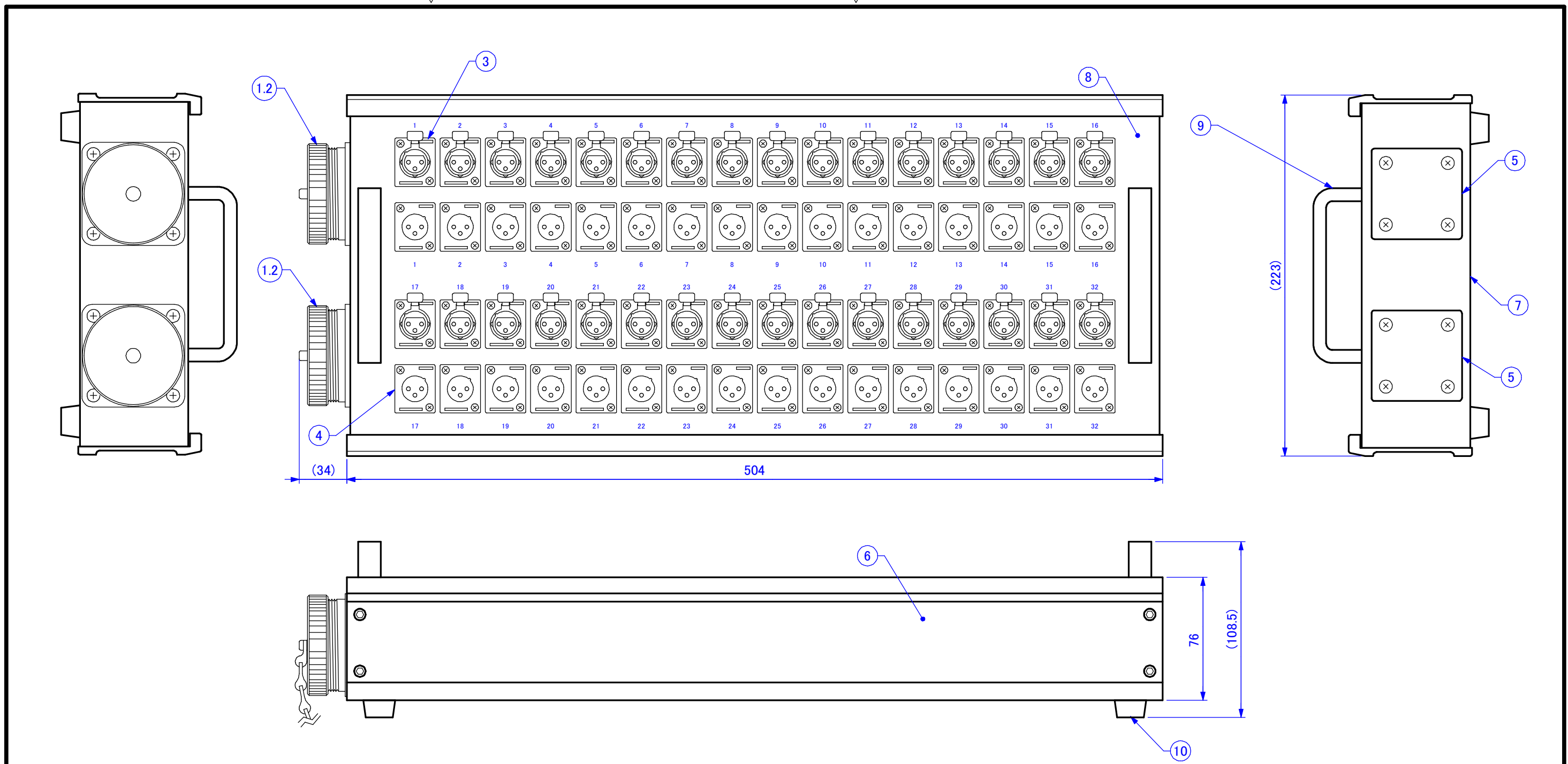
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



<WIRING DIAGURAM> WDF050E

ITEM	DESCRIPTION	P/N	QTY.	REMARKS
10	Plastic Foot	BU-4850-B	4	SATO Parts
9	Pull	BH-02	2	(black) /Hexagon socket head cap M5x8 Fe/Zn (black)
8	Connector Panel	32BF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10
7	Bottom Plate	32BK	1	Alloy Steel t1.0 Fe/Zn
6	Side Panel	16A	2	A6063S (black) /Hexagon socket head cap M4x8 Fe/Zn (black)
5	Blank Panel	M-BPFK01	2	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)
4	XLR type CN	XLR3-32-F77	32	ITT Cannon /Cross pan head M2.5x8 SUS
3	XLR type CN	XLR3-31-F77	32	ITT Cannon /Cross pan head M2.5x8 SUS
2	Multipin Connector	D/MS3102A36-73P	2	DDK /Cross binding head M3.5x10 Fe/Zn (black)/SW3.5
1	Dust Cap	D/MS25043-36D	2	DDK

TITLE	32 CHANNEL JUNCTION BOX	PJTN	UNIT	SCALE	TOL.	DATE	Ver 1.3	MODEL	DRW .No.
			mm	1:2.5	-	2013-11-01		32B12MSW	FL052E

Product Specifications
(32B12MS)

1/1
SAF051E
Ver 1.1
CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 32ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
3 2 B 1 2 MS	5. 3	6. 5

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL051E

(4) Wiring Diagram As shown in Fig WDF050E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 620x245x135mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

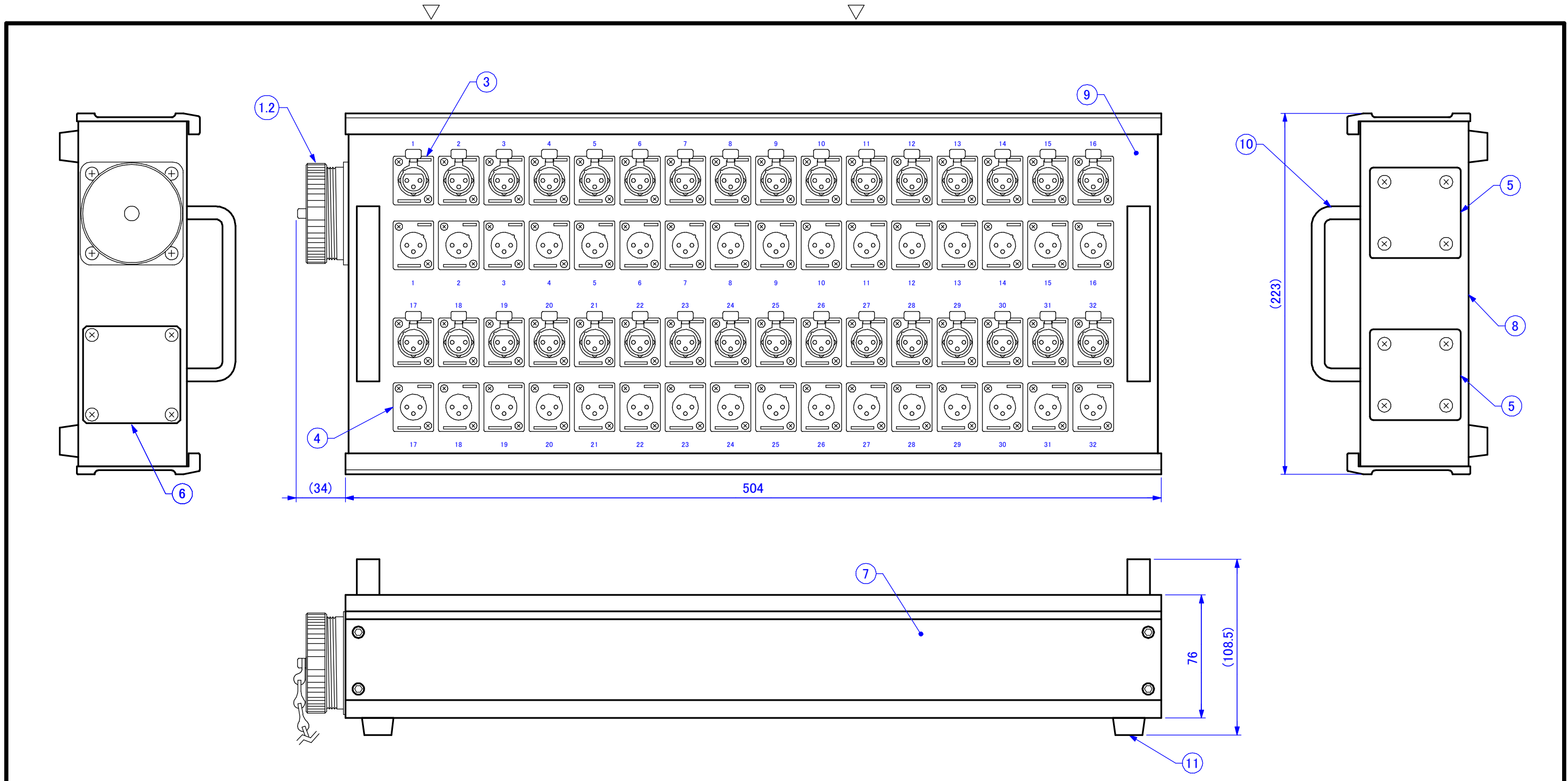
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



<WIRING DIAGURAM> WDF050E

ITEM	DESCRIPTION	P/N	QTY.	REMARKS
11	Plastic Foot	BU-4850-B	4	SATO Parts
10	Handgrip	BH-02	2	(black) /Hexagon socket head cap M5x8 Fe/Zn (black)
9	Connector Panel	32BF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10
8	Bottom Plate	32BK	1	Alloy Steel t1.0 Fe/Zn
7	Side Panel	16A	2	A6063S (black) /Hexagon socket head cap M4x8 Fe/Zn (black)
6	Blank Panel	M-BPMS02	1	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)
5	Blank Panel	M-BPFK01	2	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)
4	XLR type CN	XLR3-32-F77	32	ITT Cannon /Cross pan head M2.5x8 SUS
3	XLR type CN	XLR3-31-F77	32	ITT Cannon /Cross pan head M2.5x8 SUS
2	Multipin Connector	D/MS3102A36-73P	1	DDK /Cross binding head M3.5x10 Fe/Zn (black)/SW3.5
1	Dust Cap	D/MS25043-36D	1	DDK

TITLE	32 CHANNEL JUNCTION BOX	PJTN	UNIT	SCALE	TOL.	DATE	Ver 1.3	MODEL	DRW .No.
			mm	1:2.5	-	2013-11-01		32B12MS	FL051E

Product Specifications
(32B12MF11)

1/1
SAF050E
Ver 1.1
CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 32ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
3 2 B 1 2 M F 1 1	5. 7	7. 0

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL050E

(4) Wiring Diagram As shown in Fig WDF050E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 620x245x135mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

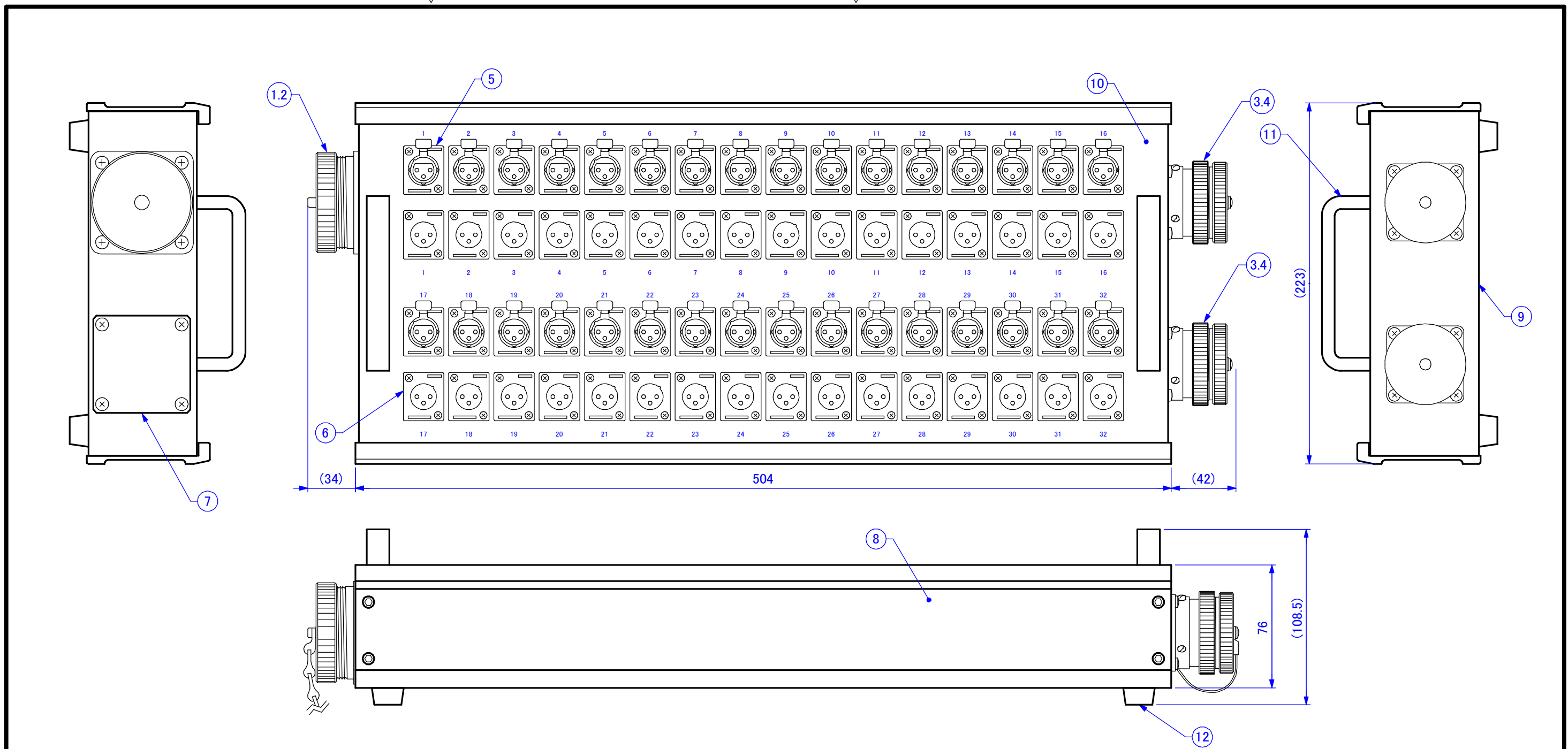
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



<WIRING DIAGRAM> WDF050E

ITEM	DESCRIPTION	P/N	QTY.	REMARKS
12	Plastic Foot	BU-4850-B	4	SATO Parts
11	Handgrip	BH-02	2	(black) /Hexagon socket head cap M5x8 Fe/Zn (black)
10	Connector Panel	32BF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10
9	Bottom Plate	32BK	1	Alloy Steel t1.0 Fe/Zn
8	Side Panel	16A	2	A6063S (black) /Hexagon socket head cap M4x8 Fe/Zn (black)
7	Blank Panel	M-BPMS02	1	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)
6	XLR type CN	XLR3-32-F77	32	ITT Cannon /Cross pan head M2.5x8 SUS
5	XLR type CN	XLR3-31-F77	32	ITT Cannon /Cross pan head M2.5x8 SUS
4	Multipin Connector	FK37-31S-R	2	JAE /Cross binding head M3.5x10 Fe/Ni/SW3.5
3	Dust Cap	FC-01	2	Canare
2	Multipin Connector	D/MS3102A36-73P	1	DDK /Cross binding head M3.5x10 Fe/Zn (black)/SW3.5
1	Dust Cap	D/MS25043-36D	1	DDK

TITLE	32 CHANNEL JUNCTION BOX	PJTN	UNIT	SCALE	TOL.	DATE	Ver 1.3	MODEL	DRW .No.
			mm	1:2.5	-	2013-11-01		32B12MF11	FL050E

Product Specifications
(24B12MSW)

1/1
SAF049E
Ver 1.1
CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 24ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
24B12MSW	3.0	3.8

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL049E

(4) Wiring Diagram As shown in Fig WDF048E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 508x147x135mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

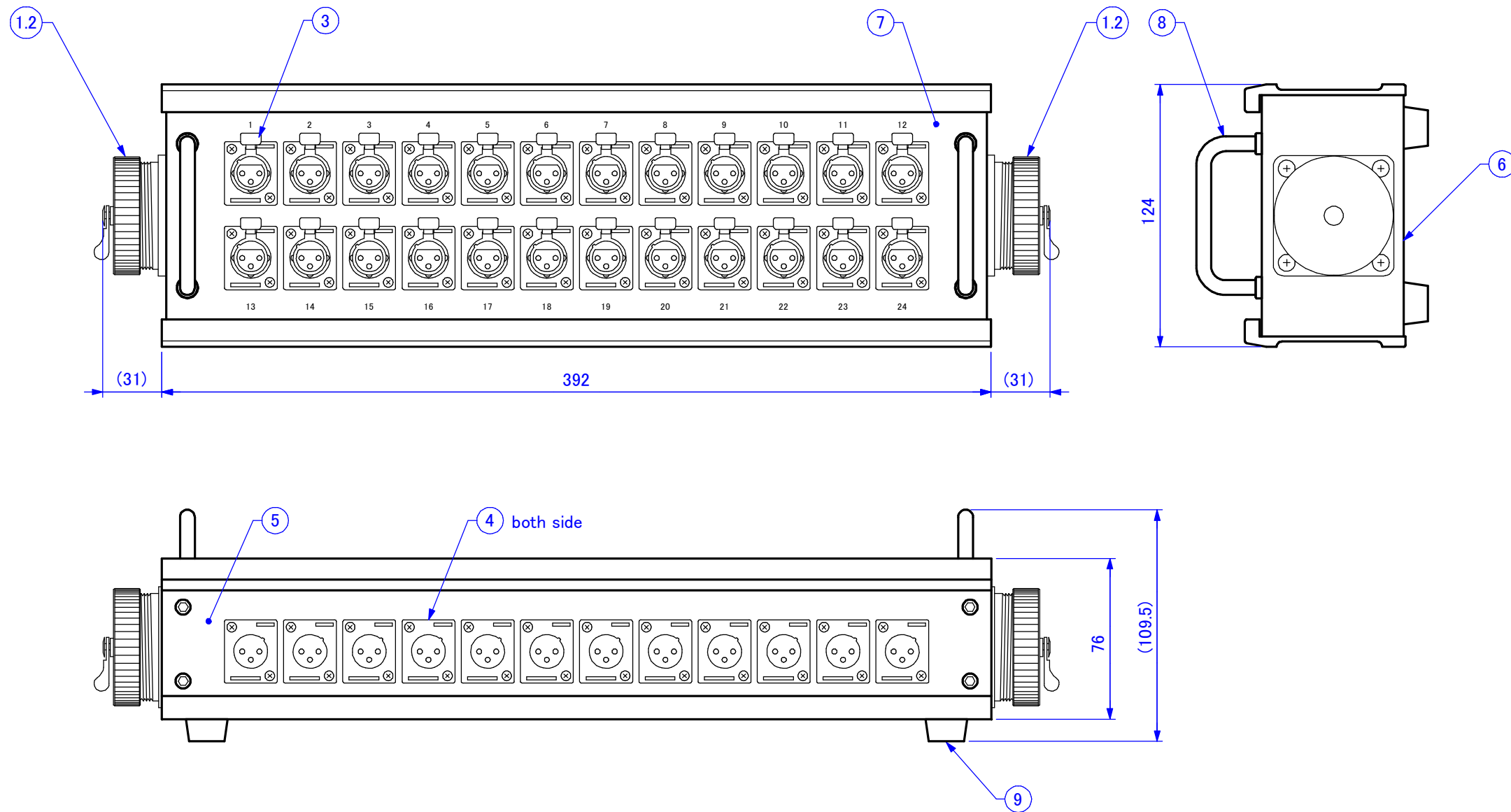
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



<WIRING DIAGURAM> WDF048E

ITEM	DESCRIPTION	P/N	QTY.	REMARKS
9	Plastic Foot	BU-4850-B	4	SATO Parts
8	Handgrip	BH-AS-11	2	(black)
7	Connector Panel	24BF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10
6	Bottom plate	24BK	1	Alloy Steel t1.0 Fe/Zn
5	Side Panel	12A2F77	2	A6063S (black) /Hexagon socket head cap M4x8 Fe/Zn (black)
4	XLR type CN	XLR3-32-F77	24	ITT Cannon /Cross pan head M2.5x8 SUS
3	XLR type CN	XLR3-31-F77	24	ITT Cannon /Cross pan head M2.5x8 SUS
2	Multipin Connector	D/MS3102A32A-10P	1	DDK /Cross binding head M3.5x10 Fe/Zn (black)/SW3.5
1	Dust Cap	D/MS25043-32D	1	DDK

TITLE	24 CHANNEL JUNCTION BOX	PJTN	UNIT	SCALE	TOL.	DATE	Ver 1.4	MODEL	DRW .No.
			mm	1:2.5	-	2013-11-01		24B12MSW	FL049E

Product Specifications
(24B12MS)

1/1
SAF048E
Ver 1.1
CANARE Electric Co.,Ltd.

1. Scope This specification covers the performance of Junction Box Assemblies.

2. General Specifications

(1) Product Name 24ch Junction Box

(2) Model Name and Weight

Model Name	Weight	
	NET (kg)	GROSS (kg)
24B12MS	2.7	3.5

※The above is approx. value of a product itself in cardboard box .

(3) Configuration As shown in Fig FL048E

(4) Wiring Diagram As shown in Fig WDF048E

(5) Packaging Individual plastic bag packing per box.

(Dimensions of cardboard box 508x147x135mm)

3. Characteristics See individual specifications for more details.

3.1 Appearance

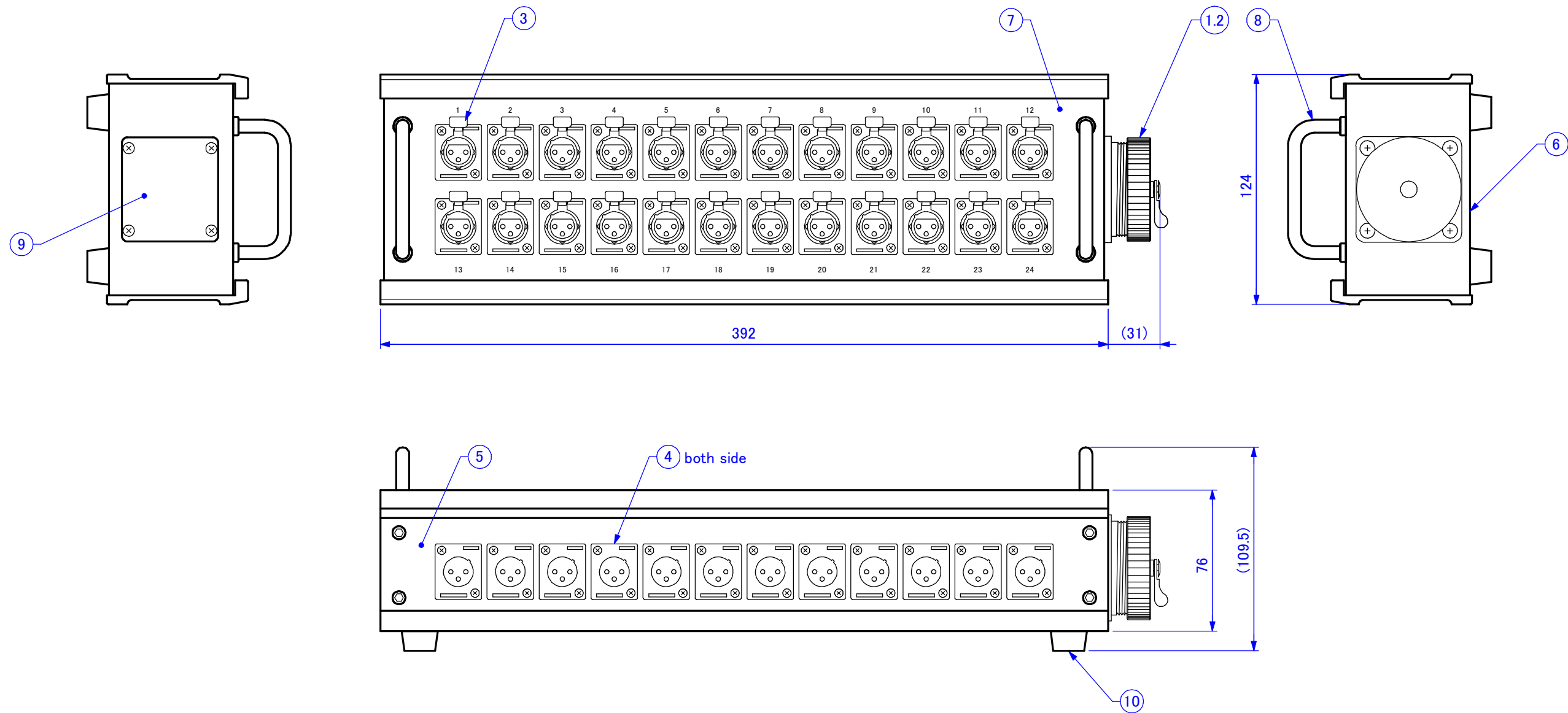
Item	Characteristics	Conditions
Assembling situation	Defect of a part, loss of face of a screwhead is without any abnormality.	Viewing.
Contents of an indication seal, position	Without any abnormality.	Viewing.
States of a wound, a dirt, garbage, the painting	Without any abnormality.	Viewing.

3.2 Confusion

Item	Characteristics	Conditions
Confusion	Without any abnormality.	≥DC12V
A tally of a connector	Lock functions do not have abnormality about connection.	Viewing.

<Note> Testing must be performed under standard conditions set down in “JIS-C0010 General Environment Testing Rules (Electric·Electronics)”.

* Standard Conditions : unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.



<WIRING DIAGURAM> WDF048E

ITEM	DESCRIPTION	P/N	QTY.	REMARKS
10	Plastic Foot	BU-4850-B	4	SATO Parts
9	Blank Panel	M-BPMS01	1	Alloy Steel (black) t1.0 /Cross binding head M3.5x10 Fe/Zn (black)
8	Handgrip	BH-AS-11	2	Canare (black)
7	Connector Panel	12BF77	1	Alloy Steel (black) t1.2 /Cross bind head tapping screw M3x10
6	Bottom plate	24BK	1	Alloy Steel t1.0 Fe/Zn
5	Side Panel	12A2F77	2	A6063S (black) /Hexagon socket head cap M4x8 Fe/Zn (black)
4	XLR type CN	XLR3-32-F77	24	ITT Cannon /Cross pan head M2.5x8 SUS
3	XLR type CN	XLR3-31-F77	24	ITT Cannon /Cross pan head M2.5x8 SUS
2	Multipin Connector	D/MS3102A32A-10P	1	DDK /Cross binding head M3.5x10 Fe/Zn (black)/SW3.5
1	Dust Cap	D/MS25043-32D	1	DDK

TITLE	24 CHANNEL JUNCTION BOX	PJTN	UNIT	SCALE	TOL.	DATE	Ver 1.4	MODEL	DRW .No.
			mm	1:2.5	-	2013-11-01		24B12MS	FL048E