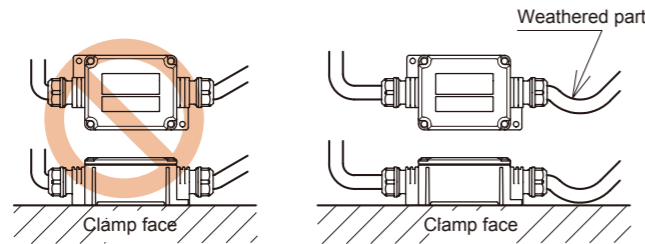


CAUTION

- Read the instruction manual carefully for proper usage.
- Do not put your foot or undue stress on JOIBOX.
- Do not paint JOIBOX.
- Do not use in oil or water.
- For keeping quality, use or storage under the following conditions should be avoided.
 - (1) In an air containing strong acidic or organic solvent (chloride ethyl, chloride methyl, cresol etc.)
 - (2) In a damp, salty or ozonic atmosphere
- For Oilproof type (Rubber color : black)
 - (1) Avoid expose this to direct and continuous sunlight
 - (2) This type is designed for the places where oil particles are contained in the air. If the atmosphere of the site is not oily, weatherproof models are recommended.
- For Weatherproof type (Rubber color : blue)
 - (1) This is recommended for all applications other than oily atmosphere
- For any special applications not specified here, please consult us before use.

Installation Precautions

- In case the product is used outdoors, select a site so as to avoid direct sunlight.
- To prevent water from coming in by running down the cables, pay attention to the followings.
 - Do not direct the cable upward at the entry port.
 - If the cable is routed from a higher position, provide a weathered part or keep some horizontal distance before the entry port.



- The actual product colors may slightly differ from pictures shown.
- The contents of this brochure are subject to change without prior notice for product improvements. All the contents of this brochure are as of September 2010.



Liquid-tight junction box
JOIBOX

RoHS

Available from 89 models



Agent/Distributor :

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OHM ELECTRIC CO., LTD.
http://www.ohm.jp/

URL : <http://www.ohm.jp/>

JB-W Product Family

- Integrated "CAPCON" and terminal board into ONE.
- Available from Oil-proof and Weather-proof types
- Environmentally resistant Nylon 66 is used

RoHS

IP67 compliant



Color : Black, Beige, Light gray

■Ideal junction boxes for sensor cables

Model	Rating	Applicable terminal (mm)	Working temperature	Section area of cable	No. of poles	Terminal screw	Weight (※1)	Q'ty per pack
JB-W305	AC/DC 300V 15A		-25~+80°C	1.25mm ² or less	5P	M3×8	100g	1 pc.
7P					Free terminal screw	117g		
11P					Free terminal screw	170g		

(※1)Values for weatherproof, black type

JB-WR226

- Female threaded entries accept various kind of connectors
- Equipped with a spring-clamp terminal
- Environmentally resistant Nylon 66 is used
- Available from Oil-proof and Weather-proof types

RoHS

IP67 compliant



Color : Black, Beige, Light gray

■For flexible cables, sensor cable and power lines like motor lines

Model	Rating	Working temperature	No. of poles	Weight (※1)	Q'ty per pack
JB-WR226	AC/DC 600V 20A	-25~+80°C	6P PHOENIX CONTACT /Model ST2.5	173g	1 pc.

(※1)Value for weatherproof, black type

JB-WS Product Family

- Integrated "CAPCON" and terminal board into ONE.
- Space-saving slim & compact design
- Available from Oil-proof and Weather-proof types
- Environmentally resistant Nylon 66 is used

RoHS

IP67 compliant



Color : Black, Beige, Light gray

■Low-profile design allows installation for narrow spaces with height limit

Model	Rating	Applicable terminal (mm)	Working temperature	Section area of cable	No. of poles	Terminal screw	Weight (※1)	Q'ty per pack
JB-WS303	AC/DC 300V 15A		-25~+80°C	1.25mm ² or less	3P	M3×8	44g	10 pcs.
4P					Free terminal screw	65g		
7P					Free terminal screw	94g		

(※1)Values for weatherproof, black type

JB-WB2209

- Female threaded entries accept various kind of connectors
- Terminal block is not premounted.
- Environmentally resistant Nylon 66 is used
- DIN rail/block terminal blocks can be mounted
- Available from Oil-proof and Weather-proof types

RoHS

IP67 compliant



Color : Black, Beige, Light gray

■For flexible cables and various kinds of signal and power lines

Model	Working temperature	Weight (※1)	Q'ty per pack
JB-WB2209	-25~+80°C	127g	1 pc.

(※1)Value for weatherproof, black type

JB-WG Product Family

- Female threaded entries accept various kind of connectors
- Available from Oil-proof and Weather-proof types
- Environmentally resistant Nylon 66 is used

RoHS

IP67 compliant



Color : Black, Beige, Light gray

■For flexible cables and sensor cables

Model	Rating	Applicable terminal (mm)	Working temperature	Section area of cable	No. of poles	Terminal screw	Weight (※1)	Q'ty per pack
JB-WG305	AC/DC 300V 15A		-25~+80°C	1.25mm ² or less	5P	M3×8	98g	1 pc.
7P					Free terminal screw	124g		
11P					Free terminal screw	208g		

(※1)Values for weatherproof, black type Note) 1 blank cap is fitted in JB-WG product.

JB-WG0606

- Female threaded entries accept various kind of connectors
- Terminal block is not premounted.
- Environmentally resistant Nylon 66 is used
- Unique 4-way entry allows the ultimate in flexibility for wiring and routing
- Available from Oil-proof and Weather-proof types

RoHS

IP67 compliant



Color : Black, Beige, Light gray

■For flexible cables and sensor cables

Model	Working temperature	Weight (※1)	Q'ty per pack
JB-WG0606	-25~+80°C	90g	1 pc.

(※1)Value for weatherproof, black type Note) 2 blank cap are fitted in JB-WG0606

JB-W44

- Integrated "CAPCON" and terminal board into ONE.
- Compact. Easy connection without removing terminal screws.
- Available from Oil-proof and Weather-proof types
- Environmentally resistant Nylon 66 is used

RoHS

IP67 compliant



Color : Black, Light gray

■For wiring of sensors, solenoids and motors

Model	Rating	Applicable terminal (mm)	Working temperature	Section area of cable	No. of poles	Weight (※1)	Q'ty per pack
JB-W44	AC/DC 600V 20A	M3.5 or M4 (丸端子) MAX. 6.5 MIN. 4.5	-25~+80°C	2.0mm ² or less	4P	95g	1 pc.

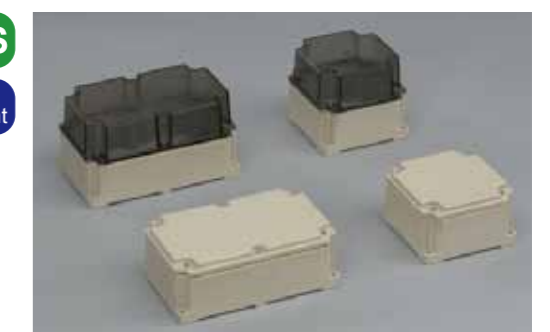
(※1)Value for weatherproof, black type

JB-WL Product Family

- A large and versatile junction box
- Protective against both oil and sunlight (PBT)
- Available from two different heights
- Chemically-resistant clear top cover

RoHS

IP67 compliant



Color: Beige (Body), Beige or clear brown (Cover)

■For relaying signal and power cables with mounting DIN rail terminal board, For protecting sensor amplifiers and other devices from water and dust, etc.

Model	Working temp.	Outline dimensions	Weight	Q'ty per pack	Color (Top cover)	Height
JB-WL135BJ	-40~+80°C	W135×H80×D135	447g	1 pc.	Beige	LOW
JB-WL135BJ-C	-40~+65°C		415g		Clear (smoke brown)	
JB-WL220BJ	-40~+80°C		677g		Beige	
JB-WL220BJ-C	-40~+65°C	621g	Clear (smoke brown)		HIGH	
JB-WL135HBJ	-40~+80°C	W135×H120×D135	533g			Beige
JB-WL135HBJ-C	-40~+65°C		368g			Clear (smoke brown)
JB-WL220HBJ	-40~+80°C		W220×H120×D135	800g	Beige	
JB-WL220HBJ-C	-40~+65°C	724g		Clear (smoke brown)		

JB-WP166, 226

- Female threaded entries accept various kind of connectors
- Meets 600V/20A power supply
- Environmentally resistant Nylon 66 is used
- Available from Oil-proof and Weather-proof types

RoHS

IP67 compliant



Color : Black, Beige, Light gray

■For sensor lines, motor lines and other power lines

Model	Rating	Applicable terminal (mm)	Working temperature	Section area of cable	No. of poles	Terminal screw	Weight (※1)	Q'ty per pack
JB-WP166	AC/DC 600V 20A	2-3.5 MIN. 4.5 MAX. 6.8	-25~+80°C	2.0mm ² or less	6P	M3.5×10 Free terminal screw	122g	1 pc.
JB-WP226							151g	

(※1)Value for weatherproof, black type

JB-WL Product Family Easy-open type

- A large and versatile easy-open type
- Protective against both oil and sunlight (PBT)
- Available from two different heights
- Hinged cover prevents accidental drop
- Chemically-resistant clear top cover
- Hole cutting points are pre-marked

RoHS

IP67 compliant



Color: Beige (Body), Beige or clear brown (Cover)

■For relaying signal and power cables with mounting DIN rail terminal board, For protecting sensor amplifiers and other devices from water and dust, etc.

Model	Working temp.	Outline dimensions	Weight	Q'ty per pack	Color (Top cover)	Height
JB-WLQ135BJ	-40~+80°C	W135×H82×D151	380g	1 pc.	Beige	LOW
JB-WLQ135BJ-C	-40~+65°C		360g		Clear (smoke brown)	
JB-WLQ220BJ	-40~+80°C		570g		Beige	
JB-WLQ220BJ-C	-40~+65°C	510g	Clear (smoke brown)		HIGH	
JB-WLQ135HBJ	-40~+80°C	W135×H121×D151	500g			Beige
JB-WLQ135HBJ-C	-40~+65°C		450g			Clear (smoke brown)
JB-WLQ220HBJ	-40~+80°C		W220×H121×D151	740g	Beige	
JB-WLQ220HBJ-C	-40~+65°C	680g		Clear (smoke brown)		