FB Series Control Stations

IP65 lightweight control stations.
IDEC HW and XW series switches and pilot lights installed.

- ø22 mm switches/pilot lights can be installed.
- Blank front enclosures, without mounting holes, are also available.
- Blank front enclosures can also be used as junction boxes to mount terminal blocks.
- Yellow cover enclosures for emergency stop switches are also available.
- Front panel mounting, rear panel mounting, hook mounting, and frame mounting options are available.

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- Contact cover box (Part no.: FB1WBR) is not UL or c-UL listed.
- Enclosures without mounting hole is not UL or c-UL listed.
  (Enclosures less than 1,639 cm^3 is not approved by UL50, 2:8.)
- See website for details on approvals and standards.

Enclosures
Package Quantity: 1

Size	No. of Mounting Holes	Mounting Hole Description	Cover Color (*1)	Part No.
76mm	0	Without mounting hole	Light beige	FB1T-000Z
	1	ø22mm	Yellow	FB1W-111Y
	1	ø22mm	Light beige	FB1W-111Z
140mm	0	Without mounting hole	Light beige	FB2T-000Z
	2	ø22mm, mounting centers 50mm	Light beige	FB2W-211Z
	3	ø22mm, mounting centers 30mm	Light beige	FB2W-312Z
200mm	0	Without mounting hole	Light beige	FB3T-000Z
	3	ø22mm, mounting centers 50mm	Light beige	FB3W-311Z
	4	ø22mm, mounting centers 36mm	Light beige	FB3W-413Z
	5	ø22mm, mounting centers 30mm	Light beige	FB3W-512Z

*1) Light beige (Munsell 5Y7/1 or equivalent), Yellow (Munsell 2.5Y8/10 or equivalent), Enclosure base color: Black (Munsell N1.5 or equivalent)

Contact Cover Box
Package Quantity: 1

Size	No. of Mounting Holes	Mounting Hole Description	Cover Color	Part No.
76mm	1	ø22 mm hole in the base	Light beige	FB1WR-111Z

- For operating instructions, see C-019.

Accessories

Description	Part No.	Ordering No.	Package Quantity
Mounting Bracket	FB9Z-PK1	FB9Z-PK1	1
DIN Rail Adapter	FB9Z-PK3	FB9Z-PK3PN02	2
Mounting Hole Plug	LW9Z-BP1	LW9Z-BP1	1

- Connectors and nuts are supplied by users.

Specifications (*2)

Applicable Standards	IEC/EN60529 UL508 UL50 CSA C22.2 No. 14 CSA C22.2 No. 94
Standard Operating Conditions	Ambient temperature: –25 to +60°C (no freezing) Relative humidity: 45 to 85%RH (no condensation) Storage temperature: –40 to +80°C (no freezing) Degree of pollution: 3
Degree of Protection	IP65 (when IP65 switches/pilot lights are installed) NEMA Type 4X Indoor Use Only (when Type 4X switches/pilot lights are installed)
Electric Shock Protection	Class II (when class II switches/pilot lights are installed)
Material	Box cover / box base: polycarbonate (*5) Box cover mounting screw: stainless
Applicable Switches/ Pilot Lights	IDEC's HW/TW/XW series and accessories (*3) (*4)
Weight (approx.)	76 mm: 125g (FB1W-111Y) 140 mm: 184g (FB2W-211Z) 200 mm: 243g (FB3W-311Z)

*2) The above specifications are for enclosures. For switches/pilot lights, refer to the specifications of each unit.
*3) Choose switches/pilot lights and accessories which match the mounting hole centers, effective depth behind the cover, and the thickness of the cover where switches/pilot lights are installed (3 mm). Note that enclosures with 30 mm or 36 mm mounting hole centers may limit the knob orientation of selector switches, because the contact blocks can be mounted in one direction only on these mounting centers.
*4) An XW series emergency stop switch of screw terminal model can be installed on an enclosure with one mounting hole or mounting holes of 50 mm mounting centers, by connecting one clamping terminal to one terminal pole.
*5) Flame-resistant (UL94V-0).

ø21.3 Knockout
76
Cover Mounting Screws (Stainless Steel)
START
Switches
76, 140, or 200
STOP
Nameplate
HAND AUTO
HAND AUTO
59.5
Marking Plate (Optional)
ø21.3 Knockout

For more information, visit http://asia.idec.com