

H.V. Distribution Equipment

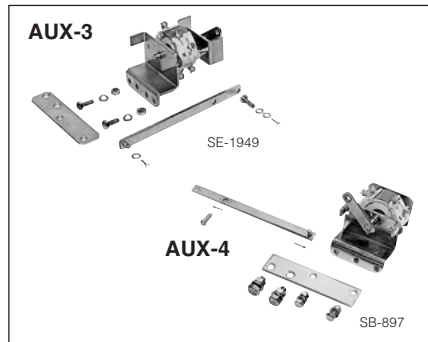
Air load break switches

Accessories/LB type

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● Auxiliary switches/AUX-3, AUX-4

The auxiliary switches are available in AUX-3 and AUX-4 types. The AUX-3 is designed to be fitted to 100AF LB switches and AUX-4 to 200AF and above. The AUX-3 and AUX-4 auxiliary switches are available in kits which consist of a switch body (2NO + 2NC), mounting and connecting lever and screws. They can be used for open-close indication and interlocking circuits.

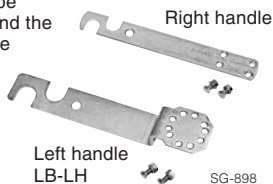


Type	Use with	Rated	Contact arrangement
AUX-3	100A frame	100/110V DC 15A	23 33 21 31
AUX-4	200A to 600A frames	200/220V AC 15A	22 32 20 30

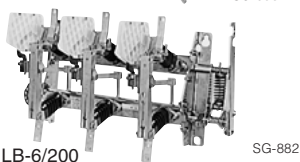
● Left-hand lever handle/LB-LH

LB switches with ratings of 200AF and above can be fitted with operating handles on the left hand side. Use LB-LH handle in this case which is sold separately. Please note that the lever for right handle use must not be fitted on the left-hand side as this would not allow sufficient safety distance. If left handed handled switches are required for switches of 200AF and above with shunt trip mechanism they must be modified at the FUJI factory. In this case specify LB-6/200fL when ordering.

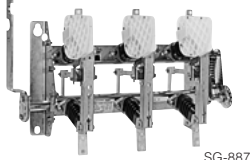
The standard type handle (Right) and the LB-LH left handle lever (Left).



Standard type LB-6/200



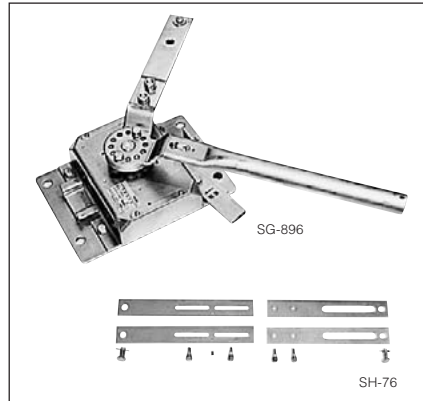
This shows a LB-6/200 switch fitted with a LB-LH handle.



● Gang-operated mechanism

Normally switching is carried out by a stick, but remote control can be carried out either manually or by a motor-driven mechanism. Contact FUJI for details.

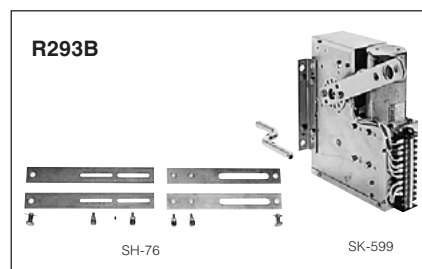
● Manual operating mechanism



Type	Interlock coil Unlock coil energized	Lock coil energized	Contact for crank handle
R290-B	-	-	-
R290-BDS	100/110V DC, 0.1A	-	1NC (110V DC, 1.3A)
R290-BAS	100/110V AC, 0.1A	-	1NC 110V DC, 1.3A)
R290Z-BAS	-	100/110V AC, 0.1A	1NC (110V DC, 1.3A)

● Motor-driven mechanism

Type	Motor ratings
R293B-1	100/110V AC DC 8.8A
R293B-2	200/220V AC DC 4.4A

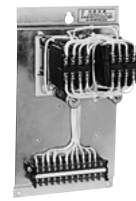


● Control unit for motor-driven mechanism

R293X is a control unit with a motor-driven mechanism. It consists of two industrial relays and all that is necessary to connect it to the motor unit or an on-off switch. For the connection diagram, refer to Page 11/32.

Type	Operating voltage	Use with
R293X-1	100/110V AC	R293B-1
R293X-2	200/220V AC	R293B-2
R293X-3	100/110V DC	R293B-1

R293X



● Fuse holders/FH-1, FH-2

These holders are for attaching power fuses to air load break switches. The FH-1 holders fit the 3-pole holder frame only. The FH-2 holders are fitted with fuse blown indicating switches (SPDT). LB switches with ratings of 200A and 400A only can be fitted with these holders. The holders accept FUJI HH fuses with ratings from 5A to 200A. When 100AF switches with power fuses are required, use the LBS type. The appropriate fuse type is the JC series. Max. 200A power fuse can be fitted to 200AF and 400AF switches. Fuse-links are available with overall lengths of either 266mm or 366mm. However, if the position of the hole on the frame is changed either of these fuses can be fitted.

Type	Contact ratings	Use with
FH-1	-	200, 400A frame
FH-2	100V DC 0.6A 110V AC 6A 220V AC 6A (Inductive load)	11 12 13

