INNOFLOW

AUTOMATIC TRANSFER SWITCH

HDQ3HB

Series overview

Automatic Transfer Switch for electrical distribution and control applications.

Select the exact rating, pole arrangement and operating configuration for the application.



Specification summary

Rated current	16-630 A
Pole configurations	3P / 4P
Operational voltage	400 / 415 V
Device class	CB-type automatic transfer switch
Breaking capacity	25 / 50 kA, depending on frame

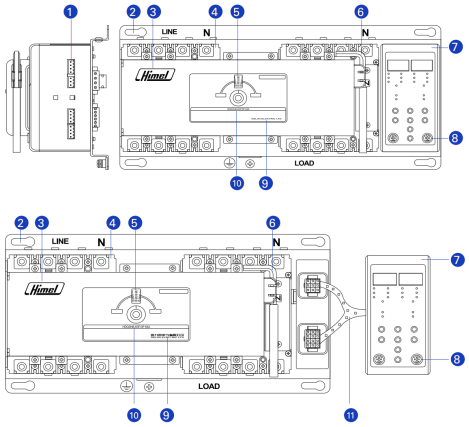
Technical information

Selected dimension and connection drawings follow. Match each drawing to its stated frame and pole configuration.

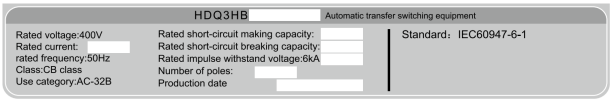
HDQ3HB

DIMENSIONS & TECHNICAL REFERENCE

Product Diagram



Product Nameplate



1	Wiring termina	6	Operating handle	11	Split controller connecting cable
2	Mounting hole	7	Controller	12	Nameplate parameters
3	Company logo	8	Fuse tube		
4	Power terminal	9	Company name		
5	Transfer position indication window	10	Product mode		

Installation of HDQ3HB

Split controller

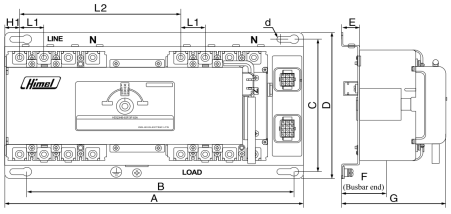


Figure1:Split HDQ3HB-100–400/ 3P and 4P

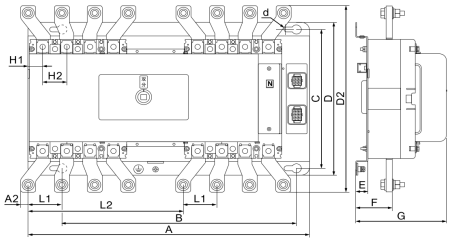


Figure2:Split HDQ3HB-630/ 3P and 4P

Spec. \ Size	A	A2	B	C	D	D2	E	F	G	L1	L2	H1	H2	d
HDQ3HB-100S	335	-	282	200	220	-	25	49	121	25	180	15.5	-	9
HDQ3HB-250F	425	-	380	200	220	-	25	48	148	35	230	21.5	-	9
HDQ3HB-400F	575	-	478	200	330	-	25	62	185	48	316	30.5	-	10
HDQ3HB-630F	575	14.5	478	300	330	402	25	77	185	68	316	30.5	48	10

Use the stated units and configuration. Drawings are reproduced from the authorized technical source.

HDQ3HB

DIMENSIONS & TECHNICAL REFERENCE

Installation of HDQ3HB

Integrated controller

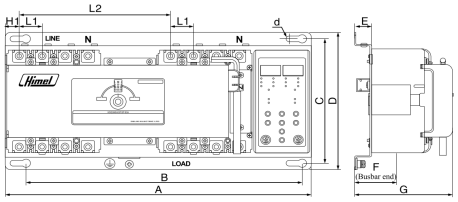


Figure3:Integrated HDQ3HB-100-400/ 3P and 4P

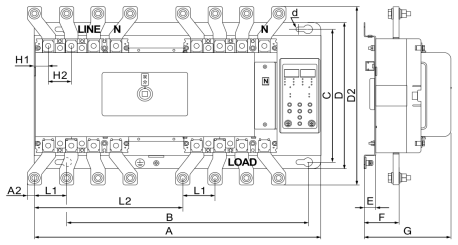
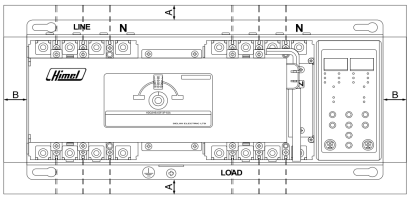


Figure4:Integrated HDQ3HB-630/ 3P and 4P

Spec. \ Mode	A	A2	B	C	D	D2	E	F	G	L1	L2	H1	H2	d
HDQ3HB-100S	375	-	322	200	220	-	25	49	121	25	180	15.5	-	9
HDQ3HB-250F	465	-	420	200	220	-	25	48	148	35	230	21.5	-	9
HDQ3HB-400F	610	-	510	300	330	-	25	62	185	48	316	30.5	-	10
HDQ3HB-630F	610	14.5	510	300	330	402	25	77	185	68	316	30.5	48	10

Safety Clearance



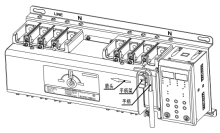
A:installation dimension to the upper and lower housings

B:installation dimension to the housing of the non-conductive part

	HDQ3HB-100S	HDQ3HB-250F	HDQ3HB-400F	HDQ3HB-630F
A	25	45	85	85
B	40	40	80	80

Manual Operation Handle

When the automatic transfer switching equipment is installed and commissioned,insert the handle into the handle housing in the arrow-direction shown in the figure.



Controller Cut Out Dimension for Front Door

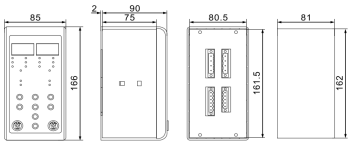


Figure6:Controller dimensions and cutout

Use the stated units and configuration. Drawings are reproduced from the authorized technical source.