

DNH5

Model & Meaning

DN H 5 - ☐ / ☐ ☐ ☐

① ② ③ ④ ⑤ ⑥ ⑦

- ① Code of company
- ② bar fuse-switch-disconnector
- ③ Design code
- ④ Conventional thermal current
- ⑤ Poles
- ⑥ "L" means three phase simultaneous operation,
"S" means three phase separate operation
- ⑦ "D" means with fuse solid link,
without "D" means with fuse link.



Characteristics of products

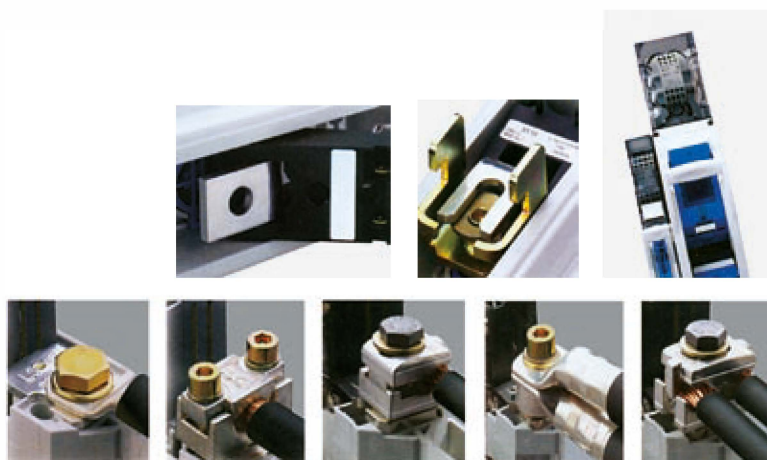
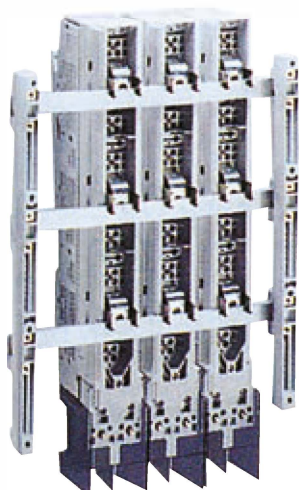
- DNH5 bar fuse-switch-disconnector with unique process engineering.
- ※ Integrating of current transformer and fuse switch initiated domestically.
 - ※ With knife-edge entry and arc extinguishing equipment, it is safe for operation.
 - ※ The isolating knife blade, full-range protection and semiconductor protection fusible core are optional.
 - ※ Fuse wire monitor and signal switch can be additionally mounted; with self-closing fuse wire monitoring hole.
 - ※ It can be used as primary switch, instantaneous breaking capacity reaches 100kA.
 - ※ Capacity of operating with load reaches 1.3 times of rated current.

DNH5 bar fuse-switch-disconnector of dimension 00, 3 phases break simultaneously, upper / lower end connection

Structure	Rated current	Fuse Size	Connection (Max mm ²)
Pressure plate connecting clamp/screw M8	160A	NT00	70

It can be installed on system of 100mm directly (busbar frame is T01479, see the attached drawing for dimension),
It also can be applied to system of 185mm through T33236, T33237 or T33282

DNH5



DNH5 bar fuse-switch-disconnector of dimension 00, 3 phases break simultaneously, upper / lower end connection , with electronic fuse monitor.

Structure	Rated current	Fuse Size	Connection (Max mm ²)
Pressure plate connecting clamp/screw M8	160A	NT00	70

DNH5 bar fuse-switch-disconnector of dimension 00, single-phases break simultaneously, upper / lower end connection

Structure	Rated current	Fuse Size	Connection (Max mm ²)
Enclosed construction,frame terminal	160A	NT00	10-95

Dimension 00, DNH5 bar fuse base, open type structure, upper/lower end connection

Structure	Rated current	Fuse Size	Connection (Max mm ²)
Touch protection(with side parts), frame teminal	160A	NT00	10-95
Touch protection, screw M8	160A	NT00	70

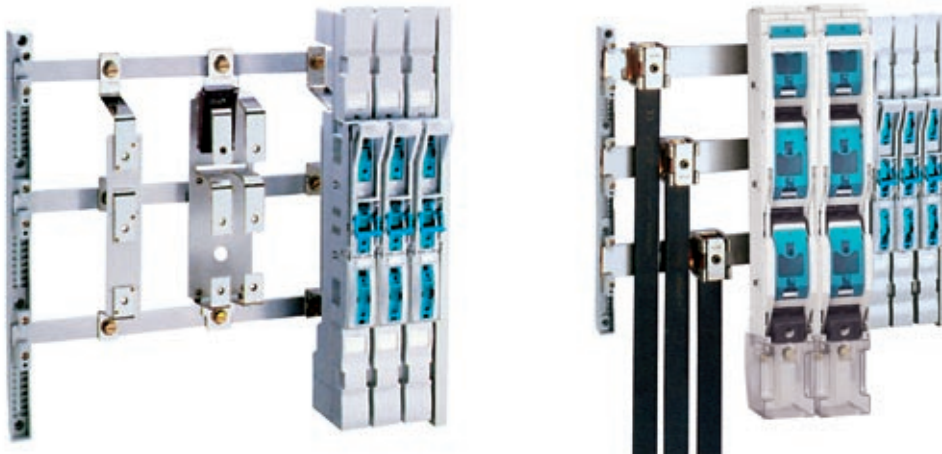
DNH5 bar fuse-switch-disconnector of dimension 1-2-3, 3 phase break simultaneously, upper/lower end connection

Structure	Rated current	Fuse Size	Connection (Max mm ²)
Screw M10	250A	NT1	120
Screw M10	400A	NT2	240
Screw M12	630A	NT3	2×240

DNH5 bar fuse-switch-disconnector of dimension 1-2-3, single-phase breaking, upper/lower end connection

Structure	Rated current	Fuse Size	Connection (Max mm ²)
Screw M10	250A	NT1	120
Screw M10	400A	NT2	240
Screw M12	630A	NT3	2×240

DNH5



DNH5 bar fuse-switch-disconnector of dimension 1-2-3, single-phase breaking, upper/lower end connection

Structure	Rated current	Fuse Size	Connection (Max mm ²)
Screw M10	250A	NT1	120
Screw M10	400A	NT2	240
Screw M12	630A	NT3	2×240

DNH5 bar fuse-switch-disconnector of dimension 1-2-3, open type structure, upper/lower end connection

Structure	Rated current	Fuse Size	Connection (Max mm ²)
Screw M10	250A	NT1	120
Screw M10	400A	NT2	240
Screw M12	630A	NT3	2×240

Bus frame

It is suitable for punched bus

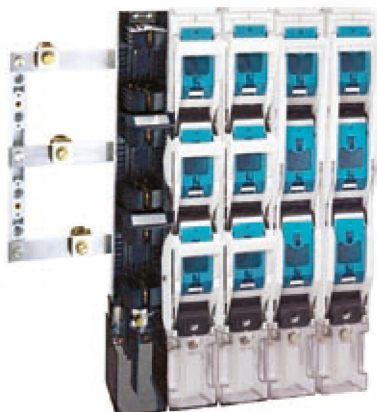
Universal bus frame

It is suitable for unpunched rectangular bus of 30, 40, 50...120×10 and profiled bus

Accessory, for T33235

Structure	Rated current	Fuse Size
Adapter, single-end, screw fastening	160A	NT00
Adapter, double-end, screw fastening	2×160A	NT00
Adapter, single-end, install with connecting clamp without perforating	160A	NT00
Connection cover, suitable for load separator of dimension 1-3	160A	NT00

DNH5



Single switch, for monitoring the closing of switch cover

Structure	Fuse Size
One place of auxiliary switch Flat pulg-in terminal	NT00-3

Connection terminal, used to connect the DNH5-bar fuse-switch-disconnector to double-T type bus of 10mm thick in the bus system of 185mm without perforating.

Structure	Fuse Size
Lower end connection	NT1-3
Upper end connection	NT1-3

Connection accessories

Structure	Connection (Max mm ²)	Fuse Size
Pressure plate clamp, for copper conductor, mm, f+AE, multi-layer copper bus	1.5-70	NT00
	120-240	NT1-3
Connected screw M8	70	NT00
	16-70	NT00
single-layer wedge connecting clamp, for copper and aluminum conductors, mm, f, f+AE	120-240	NT1-3
	35-185	NT1-2
Direct connecting terminal, for copper and aluminum conductors	35-185	NT3
	2×35-185	NT1-2
D-direct connecting teminal is suitable for single-phase connecting two copper or aluminum conductors	2×35-185	NT3
	50-240	NT1-2
V-direct connecting terminal is suitable for sectorial copper and aluminum conductors	150-300	NT3
		NT1-2
It is suitable for connection of two lugs		NT3

Current transformer, adjustable, accurate degree 0.5, secondary rated current 5A, sectional area of conductor is 2.5mm², length of conductor is 1.5m .

Structure	Rated current	Fuse Size	Rated apparent power
It can be installed on product whose dimension is 1-3 directly, and it requires connector for mounting on product whose dimension is 00	150A	NT00-3	1.5
	200A	NT00-3	2.5
	250A	NT00-3	2.5
	300A	NT00-3	2.5
	400A	NT00-3	2.5

Overall & Installation Dimension

