

MRO.H1 FUSE SWITCH DISCONNECTOR



PRODUCT APPLICATION

MRO.HI (DR1) series of fuse-switch disconnecter are mainly used in circuits with high short-circuit current and motor circuit as power switch, disconnecting switch, emergency switch and circuit protection. It is not suitable to switch a single motor directly.

PRODUCT FEATURES

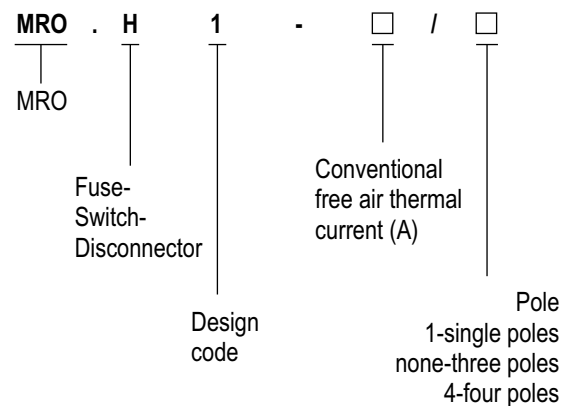
- A. The switch with half sealed structures is made up of two parts: the seat and cover (the fuse holder). Through the window in the cover, it can observe the rated data of the fuse links and indicator status. The switch should be matched with the appropriate size of fuse links accordingly. MRO.HI-16011 is single-pole and MRO.HI-160 is three-pole, both can be matched with size 000 and 00 fuselinks. MRO.HI-25011, MRO.HI-40011, MRO.HI-63011 are single-pole and MRO.HI-250, MRO.H1400, MRO.HI-630 are three-pole. They are matched with size 1, 2, 3 fuselinks separately. The three-pole switch can be combined with the single-pole version with the same size into four-pole switch.
- B. The switch has the features of small size, reliable operation, convenient installation and removal.
- C. All of these products, except for conductive parts, all are the finger-touch protection: IP20. Compliance with GB14048.3 and IECIEN60947-3.

PRODUCT DESCRIPTION

MRO.HI series of fuse-switch-disconnector is the newest developing from various products combination of products, it combines fusing protection, isolation and switching in order to make the distribution unit smaller, more reasonable and attractive.

For MRO.HI series of fuse-switch-disconnector, the rated insulation voltage is up to AC 50Hz 800V, the rated working voltage up to 690V and the rated working current up to 630A.

CATALOG NUMBER



RATED MAKING AND BREAKING CAPACITIES

Rated operational voltage (V)	Rated operational current (A)	Utilization category	Rated making and breaking capacities					
			Making			Breaking		
			I/le	U/Ur	Cospbi	I/le	U/Ur	Cospbi
690	All current	AC21B	1.5	1.05	0.95	1.5	1.05	0.95
500	All current	AC22B	3	1.05	0.65	3	1.05	0.65
400	< 100	AC23B	10	1.05	0.45	8	1.05	0.45
	> 100	AC23B	10	1.05	0.35	8	1.05	0.35

Note: I: making current U: making voltage
 le: rated operational current Ur: rated operational voltage
 Ic: breaking current Ur: recovery voltage



MRO.H1-160/1

TECHNICAL DATA

Rated insulation voltage: 800V
 Rated operational voltage: 400,500,690V
 Conventional free air thermal current with fuse-link: 160A
 NH fuse-link size: 00,000
 Weight: 290g

The ratings on various operational voltage and utilization category

Rated operational voltage:	690V	500V	230/400V
Rated operational current:	100A	125A	160A
Utilization category:	AC21B	AC22B	AC23B
NH fuse-link size:	00,000	00	00
Breaking capacity of fuselink:	50kA	100kA	100kA

MRO.H1-160

TECHNICAL DATA

Rated insulation voltage: 800V
 Rated operational voltage: 400,500,690V
 Conventional free air thermal current with fuse-link: 160A
 NH fuse-link size: 00,000
 Weight: 700g

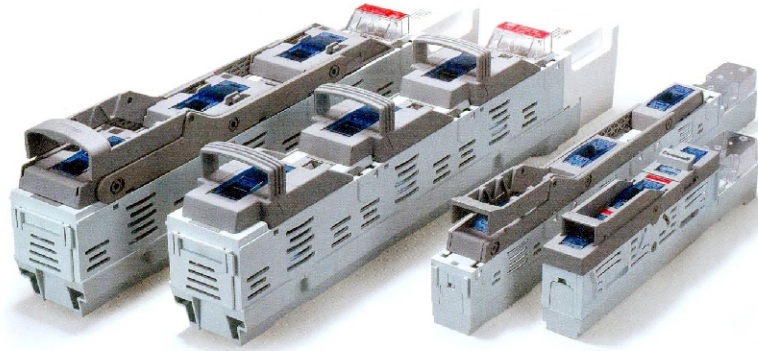
The ratings on various operational voltage and utilization category

Rated operational voltage:	690V	500V	230/400V
Rated operational current:	100A	125A	160A
Utilization category:	AC21B	AC22B	AC23B
NH fuse-link size:	00,000	00	00
Breaking capacity of fuselink:	50kA	100kA	100kA

Type	Poles	Code no.
Disconn Switch MRO H1-160/1	1	230601006
Disconn Switch MRO H1-250/1	1	230601012
Disconn Switch MRO H1-400/1	1	230601018
Disconn Switch MRO H1-630/1	1	230601024

Type	Poles	Code no.
Disconn Switch MRO H1-160	3	230701006
Disconn Switch MRO H1-250	3	230701012
Disconn Switch MRO H1-400	3	230701018
Disconn Switch MRO H1-630	3	230701024

MRO.H2 FUSE SWITCH DISCONNECTOR



PRODUCT APPLICATION

MRO.H2 series of fuse-switch disconnecter are mainly used in circuits with high short circuit current and motor circuit as power switch, disconnecting switch, emergency switch and circuit protection. It is not suitable to switch a single motor directly.

PRODUCT FEATURES

- A. The switch with half sealed structures is made up of Go parts: the seat and cover (the fuse holder). Through the window in the cover, it can observe the rated data of the fuse links and indicator status.
- B. Installation: The switch is molded designed. MRO.H2-160 (50mm in width), can be directly installed on 100mm busbar through the incoming feeder. There are two type connecting version available: up outgoing and down outgoing, three phases make and break simultaneously, suitable for NH000 and NH00 size fuses. MRO.H2-250 (102mm in width), can be directly installed on 185mm busbar through the incoming feeder, it also can be installed on the supporter by two 12x18 installation holes. There are two type connecting version available: up outgoing and down outgoing, three phases make and break simultaneously or separately, suitable for NHI size fuses. MRO.H2-400 (102mm in width), can be directly installed on 185mm busbar through the incoming feeder, it also can be installed on the supporter by two 12x18 installation holes. There are two type version available: up outgoing and down outgoing, three phases make and break simultaneously or separately, suitable for NHI size fuses. MRO.H2-630 (102mm in width), can be directly installed on 185mm busbar through the input line, it also can be installed on the supporter by two 12x18 installation holes. There are two type connecting version available: up outgoing and down outgoing, three phases make and break simultaneously or separately, suitable for NH3 size fuses. MRO.H2-160iL (52mm in width), can be directly installed on 185mm busbar through the input line.

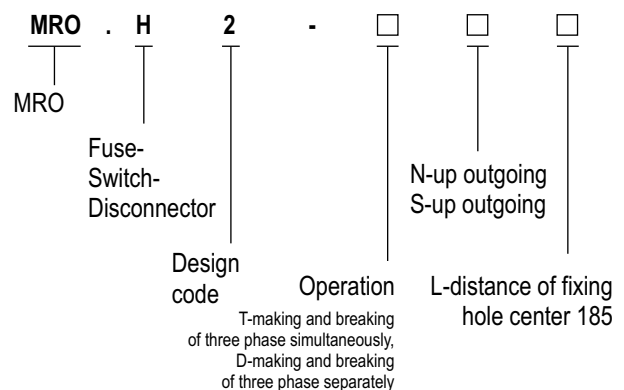
There are two type connecting version available: up outgoing and down outgoing, three phases make and break simultaneously or separately, suitable for NH000 and Nh00 size fuses.

- C. The switch has the features of small size, reliable operation, convenient installation and removal.
- D. All of these products, except for conductive parts, all are the finger-touch protection: IP20. Compliance with GB14048.3 and IECIEN60947-3

PRODUCT DESCRIPTION

MRO.H2 series of fuse-switch-disconnector is the newest developing from various products combination of products, it combines fusing protection, isolation and switching in order to make the distribution unit smaller, more reasonable and attractive. For MRO. H2 series of fuse-switch-disconnector, the rated insulation voltage is up to AC 50Hz 1000V, the rated working voltage up to 690V and the rated working current up to 630A.

CATALOG NUMBER

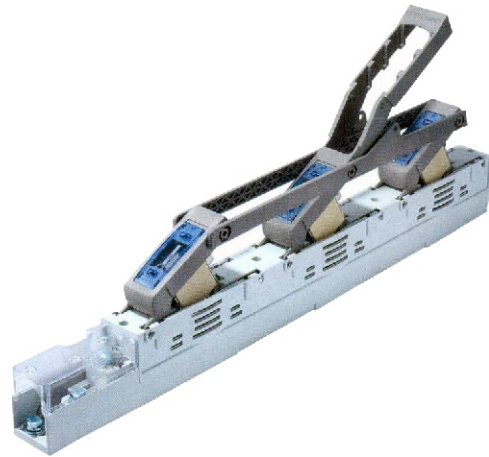
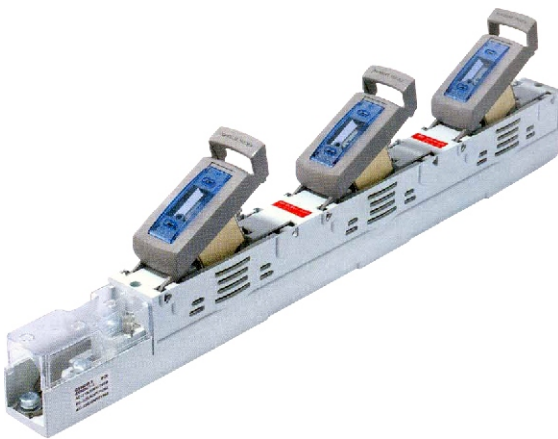


RATED MAKING AND BREAKING CAPACITIES

Rated operational voltage (V)	Rated operational current (A)	Utilization category	Rated making and breaking capacities					
			Making			Breaking		
			I/le	U/Ue	Cosphi	I/le	U/Ue	Cosphi
690	All current	AC21B	1.5	1.05	0.95	1.5	1.05	0.95
500	All current	AC22B	3	1.05	0.65	3	1.05	0.65
400	< 100	AC23B	10	1.05	0.45	8	1.05	0.45
	> 100	AC23B	10	1.05	0.35	8	1.05	0.35

Note: I: making current
le: rated operational current
Ic: breaking current

U: making voltage
Ue: rated operational voltage
Ur: recovery voltage



MRO.H2-160/DSL

TECHNICAL DATA

Configuration: installation on bus bar, three phase make and break separately, down outgoing cable.
Rated insulation voltage: 1000V
Rated operational voltage: 400,500,690V
Conventional free air thermal current with fuse-link: 160A
NH fuse-link size: 00,000
Weight: 1543g

The ratings on various operational voltage and utilization category

Rated operational voltage:	690V	500V	400V
Rated operational current:	80A 100A	100A 125A	100A 160A
Utilization category:	AC21B	AC22B	AC23B
NH fuse-link size:	000 00	000 00	000 00
Breaking capacity of fuselink:	50kA	100kA	100kA

MRO.H2-160/TSL

TECHNICAL DATA

Configuration: installation on bus bar, three phase make and break simultaneously, down outgoing cable.
Rated insulation voltage: 1000V
Rated operational voltage: 400,500,690V
Conventional free air thermal current with fuse-link: 160A
NH fuse-link size: 00,000
Weight: 1674g

The ratings on various operational voltage and utilization category

Rated operational voltage:	690V	500V	400V
Rated operational current:	80A 100A	100A 125A	100A 160A
Utilization category:	AC21B	AC22B	AC23B
NH fuse-link size:	000 00	000 00	000 00
Breaking capacity of fuselink:	50kA	100kA	100kA

Type	Poles	Code no.
Disconn Switch MRO H2-160/DSL	3	230702006
Disconn Switch MRO H2-250/DSL	3	230702012
Disconn Switch MRO H2-400/DSL	3	230702018
Disconn Switch MRO H2-630/DSL	3	230702024

Type	Poles	Code no.
Disconn Switch MRO H2-160/TSL	3	230703006
Disconn Switch MRO H2-250/TSL	3	230703012
Disconn Switch MRO H2-400/TSL	3	230703018
Disconn Switch MRO H2-630/TSL	3	230703024