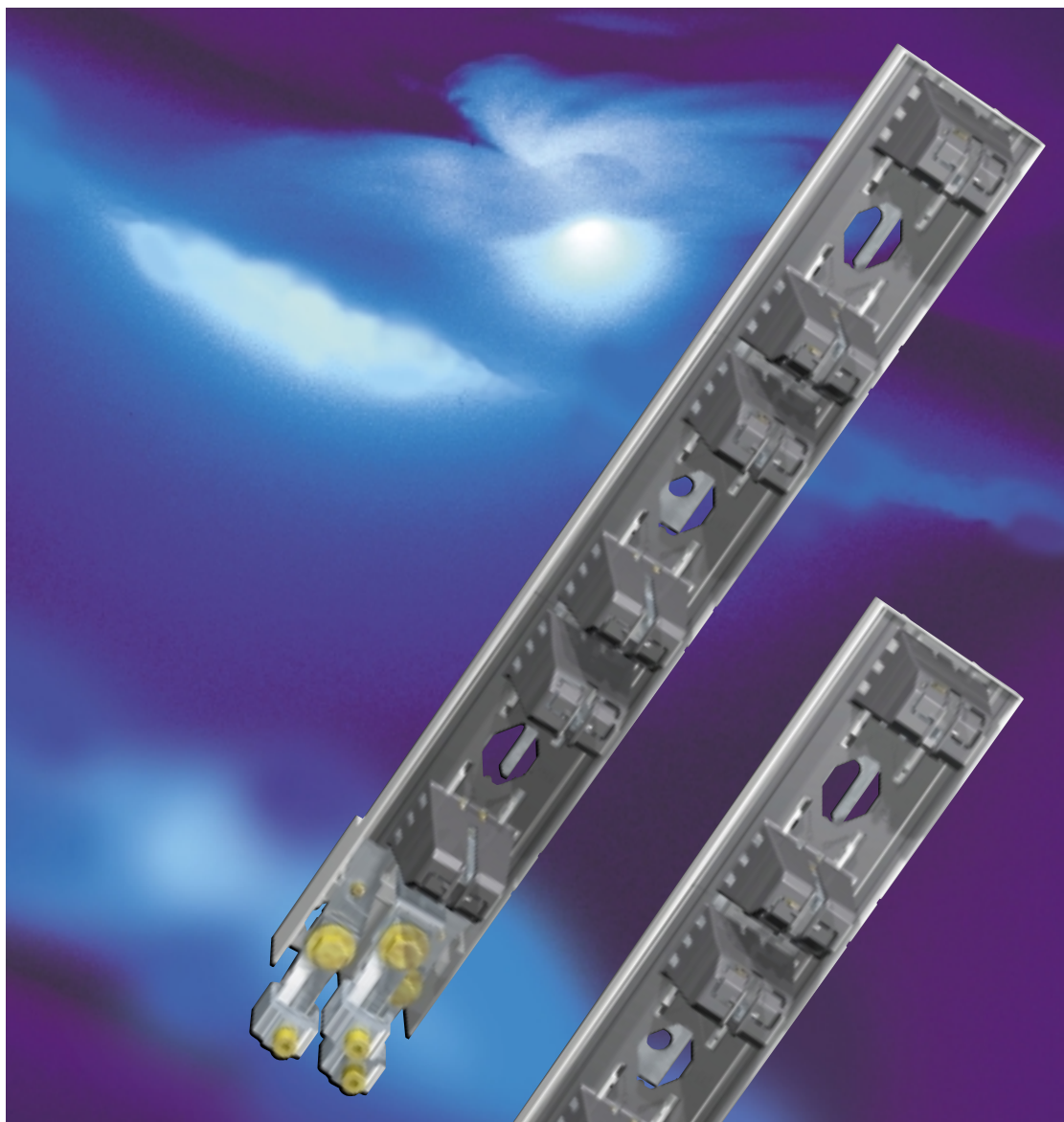




NH Fuse Rails

160 - 630 A





- A new range of fuse rails and fuse switch disconnectors

FAMILY PRESENTATION

InLine is a new generation of fuse rails and fuse switch disconnectors from ABB. ABB has a long history in producing these types of devices, and the first generation was introduced in 1967. The InLine family consists of fuse rails, single-, and triple pole operated fuse switch disconnectors and incoming/outgoing units.

DESIGN

In the design of this new range, ABB has focused on operator safety and easy installation.

THE FUSE RAIL (XUBM)

The triple pole fuse rails are designed for IEC EN 60269-2-1 fuse, and there are fuse links of sizes NH 00, 1, 2 and 3. They are intended for mounting on to busbars with 185 mm busbar distance, and there is a size 00 version for 100 mm busbar distance.

The cable connection can either be with bolts for cable lugs, or with V-shaped cable clamps. Top or bottom entry is possible. Connection to the busbars is available either with bolts or Z-contacts.

Properties of InLine:

- Compact 48 and 98 mm width
- Type tested according to IEC EN 60947-3
- IEC/DIN-busbars or Z-profile busbars
- Possibility of side cable connection
- Flame retardant materials
- Also with 100 mm size busbar distance

Advantages of InLine:

- Quick and flexible busbar installation
- Modern, functional and sturdy design
- Wide range of modern cable clamps
- Accessories as snap-on
- Interchangeable with similar products in the market
- Inexpensive short circuit protection

Applications:

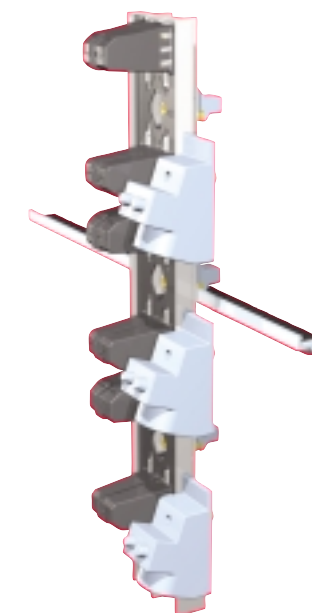
- Cable distribution cabinets
- Low Voltage distribution in transformer substations
- Switchboards for industries
- Installations



- XUBM-1/2/3
Fuse rail



- XUBM-00/1/2/3-R
With phase barrier, and without contact shrouds

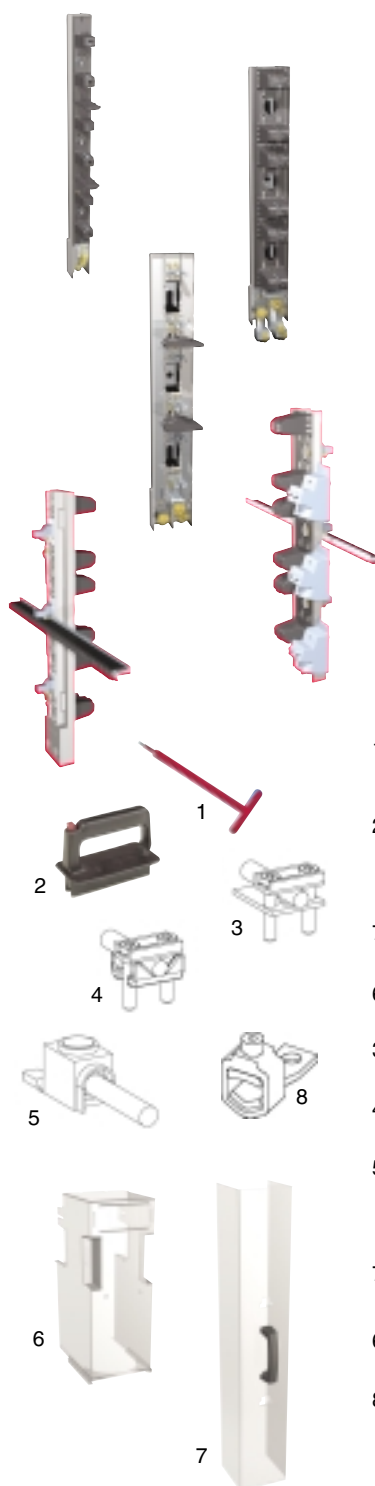


- XUBM-1/2/3-ZS
For Z-profile busbars and side cable connection



- XUBM-00/1/2/3-Z
For Z-profile busbars

Ordering table



Item description	Type description	Order code
FLB00-100*	160 A – 100 mm incl. 3 M8 bolts	1SEP101836R0001
XUBM00		
XUBM-00	160 A incl. 3 bolts 3 M8 bolts	1SEP102110R0101
XUBM-00-R	160 A without contact shrouds, incl. 3 M8 bolts	1SEP102100R0101
XUBM-00-Z	160 A for Z-profile busbars	1SEP102110R0201
XUBM1		
XUBM-1	250 A incl. 3 M12 bolts	1SEP102111R0101
XUBM-1-R	250 A without contact shrouds, incl. 3 bolts	1SEP102101R0101
XUBM-1-Z	250 A for Z-profile busbars	1SEP102111R0201
XUBM-1-ZS	250 A for Z-profile busbars and side cable connection	1SEP102111R0405
XUBM2		
XUBM-2	400 A incl. 3 M12 bolts	1SEP102112R0101
XUBM-2-R	400 A without cont. shrouds, incl. 3 M12 bolts	1SEP102102R0101
XUBM-2-Z	400 A for Z-profile busbars	1SEP102112R0201
XUBM-2-ZS	400 A for Z-profile busbars and side cable connection	1SEP102112R0405
XUBM3		
XUBM-3	630 A incl. 3 M12 bolts	1SEP102113R0101
XUBM-3-R	630 A without cont. shrouds, incl. 3 M12 bolts	1SEP102103R0101
XUBM-3-Z	630 A for Z-profile busbars	1SEP102113R0201
XUBM-3-ZS	630 A for Z-profile busbars and side cable connection	1SEP102113R0405
Common Accessories		
1 Insulated hexagon key NV6 (Tool for Z-busbar)	For XUBM 00, 1, 2 and 3	NHSN950001P0006
2 Insulated operation handle for the fuses	For XUBM 00, 1, 2 and 3	NHSN706023P9001
Accessories for XUBM00		
7 Fuse protection cover	For XUBM 00	1SEP201543R0001
Fuse barrier kit	For XUBM 00	1SEP304442R0001
6 Cable termination shroud	For XUBM 00	1SEP408124R0001
3 Bridge clamp (BC) 1,5–50 mm ²	For XUBM 00	1SEP407733R0001
4 Single Prisme clamp 1 –95 mm ²	For XUBM 00	1SEP407732R0011
5 Feeding clamp 25–95 mm ²	For XUBM 00	1SEP407811R0001
Accessories for XUBM1, 2 and 3		
7 Fuse protection cover	For XUBM 1, 2 and 3	1SEP201499R0001
Fuse barrier kit	For XUBM 1, 2 and 3	1SEP304395R0001
6 Cable termination shroud	For XUBM 1, 2 and 3	1SEP408125R0001
8 V-clamp with terminal plate, 95–240 mm ²	For XUBM 1, 2 and 3	1SEP304446R0001

* 100 mm busbar distance

Explanations:

XUBM = Fuse rail with contact shrouds, incl. 3 bolts
XUBM-00 = Apparatus size
XUBM-00-R = Fuse rail without contact shrouds, incl. 3 bolts
XUBM-00-Z = Fuse rail with contact shrouds for Z-profile busbars, incl. 3 bolts
XUBM-00-ZS = Basic fuse rail with contact shrouds for Z-profile busbars and side cable connection

Technical data

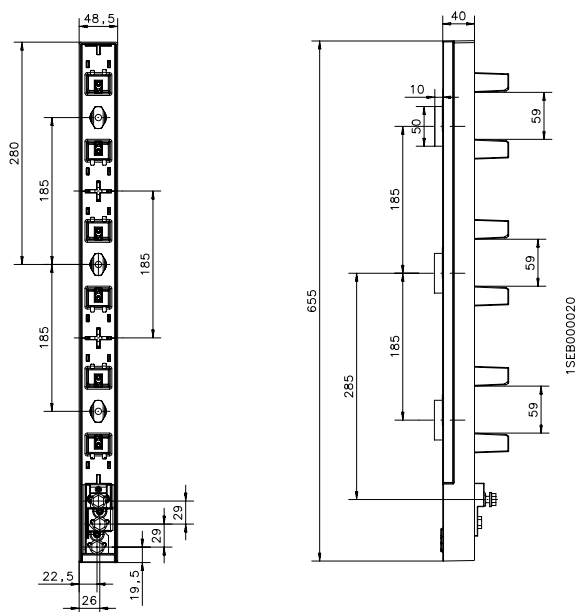
Fuse rail (XUBM)

TYPE		XUBM00	XUBM1	XUBM2	XUBM3
For HRC fuse links acc. to IEC EN 60269-2-1		00	1	2	3
Rated operational voltage U_e	(V)	690	690	690	690
Rated operational current I_e	(V)	160	250	400	630
Rated insulation voltage U_i	(V)	1000	1000	1000	1000
conditional short circuit current – with fuse links	(kA _{rms})	50	50	50	50
Rated frequency	(Hz)	50-60	50-60	50-60	50-60
Degree of protection from the front acc. to IEC 529*	Closed	IP 20	IP 20	IP 20	IP 20

* With fuse shroud

Dimensional drawings

XUBM00



XUBM1, 2, 3

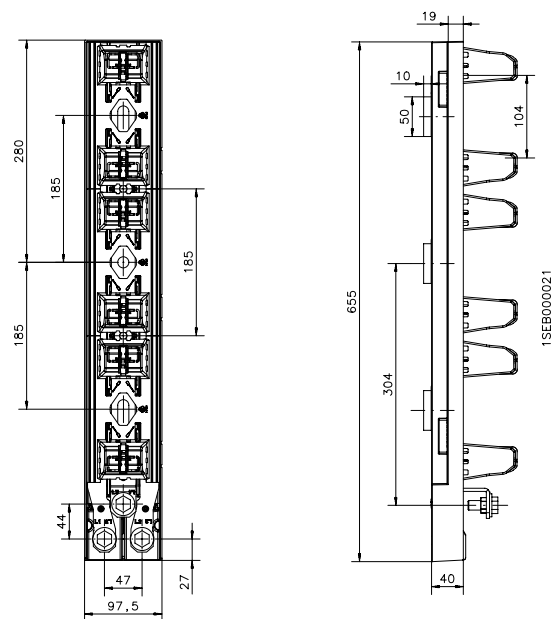


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