

Fuse holders

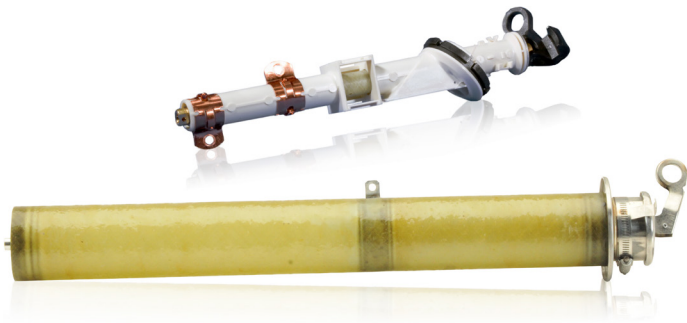


ABB offers two types of fuse holders - the Type K™ and the DO-III™ fuse holder. Both fuse holders are designed for use in pad-mounted transformers. The fuse holders are available in a variety of ratings and configurations which are detailed on the next few pages.

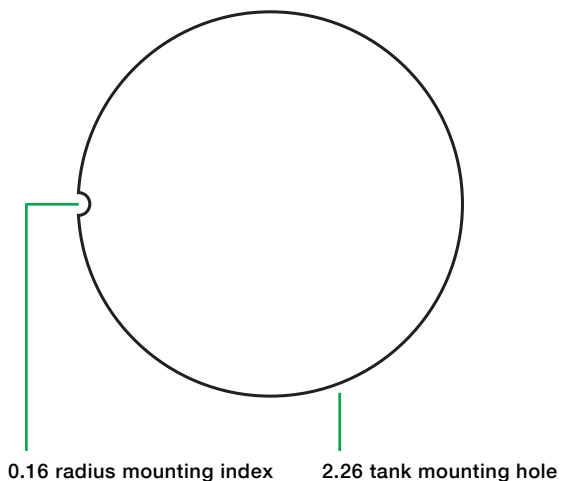
The ABB DO-III fuse holder is a draw-out, load-break expulsion fuse holder. It is intended to protect the distribution system in the event of an internal transformer fault, secondary fault, or severe overload when used with properly coordinated expulsion fuses. The DO-III fuse holder is designed for use at voltages up to 23 kV (line-to-ground) and 150 kV BIL.

The fuse holder works in conjunction with ABB DO-III fuse links which can be found on page 6 of this guide.

DO-III fuse holder standard options

Vent hole	Check valve	Cartridge	Silver plating	Package quantity	Part number
x		x		144	1C10775G01
	x	x		144	1C10775G02
x	x	x		144	1C10775G03
x			x	144	1C10775G04
x		x	x	144	1C10775G06
	x	x	x	144	1C10775G07
	x		x	144	1C10775G08
x	x	x	x	144	1C10775G09
x	x			144	1C10775G20

DO-III mounting



DO-III fuse holder accessories

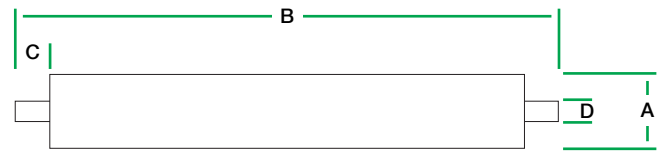
Description	Package quantity	Part number
Cartridge with end plug	72	1B11142G01
Silver plated cartridge with end plug	72	1B11142G02
Puller assembly, cartridge, and end plug	36	1C10765G01
Puller assembly	36	1C10765G02
Puller assembly, silver plated cartridge, and end plug	36	1C10765G03
Mounting nut and gasket	250	1C10775G05
Drip shield	250	1C10880H01
End plug	250	3A33981H01
Gasket	250	6457A49H09

* Dimensions are presented in inches

The Type K current limiting fuse canister provides an air-insulated receptacle for general purpose current limiting fuses used in pad-mounted or submersible transformers such as the Hi-Tech Trans-Guard™ FX fuse. The Type K fuse holder features dead front construction, hermetic sealing, self-aligning spring contacts and stainless steel, corrosion-resistant components. Additionally, the canister can be welded or clamped onto the transformer tank.

The Type K fuse holder allows the operator easy access to the current limiting fuse for inspection or replacement. The table below provides the maximum fuse dimensions suitable for use in the Type K canister.

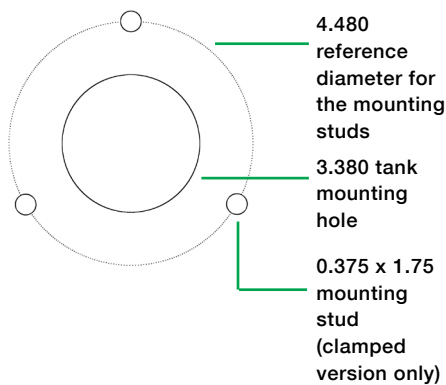
Voltage class (kV)	Maximum diameter A	Maximum length B	Terminal length C	Terminal diameter D
8.3	2.25	10.2	1.05	0.625
15.5	2.25	14.4	1.05	0.625
23	2.25	17.3	1.05	0.625



The Type K canister is available in three different voltage classes and is either welded into place or clamped.

Type K canister options				
Voltage (kV)	BIL (kV)	Package quantity	Part number - welded	Part number - clamped
8.3	95	24	4260079-904	4260079-901
15.5	125	24	4260079-905	4260079-902
23	125	24	4260079-906	4260079-903

Type K mounting



Type K accessories

Description	Package quantity	Part number
Mounting clamp	24	9820A33H01
Gasket	48	1210221-021
Fuse holder adapter 8.3 kV to 15.5 kV	5	1260140000-002
Fuse holder adapter 8.3 kV to 23 kV	5	1260140000-003
Fuse holder adapter 15.5 kV to 23 kV	5	1260140000-001

* Dimensions are presented in inches