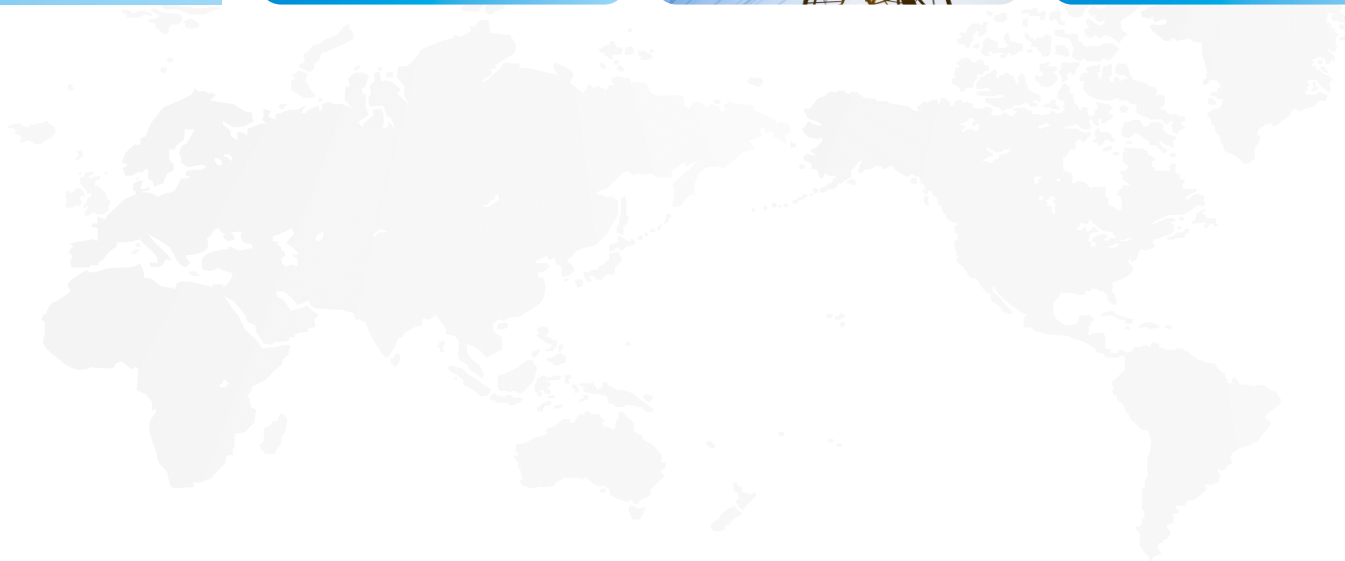
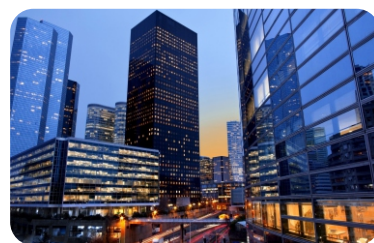


SUVELL

PRODUCT INTRODUCTION

WENZHOU SHUOWEI ELECTRIC CO., LTD.





BRIEF INTRODUCTION

Wenzhou Shuowei Electric Co., Ltd. (SUVELL) is a high-tech enterprise specializing in the research, development, production and sales of transformer accessories, switch cabinet accessories, cable accessories, power fittings and transmission line accessories. Since its establishment, the company has been committed to providing high-quality accessories products and solutions to the global power industry. With advanced technology, strict quality control and excellent service, it has won the trust and support of our customers.

Our products are widely used in power systems, industrial equipment, new energy and other fields. The company has complete production equipment and testing system to ensure that every product meets international standards and customer needs. Provide customers with a full range of technical support and after-sales services to help customers achieve efficient and safe power operations.

In the future, Wenzhou Shuowei Electric will continue to delve into the field of power accessories, continuously improve product competitiveness, and strive to become the world's leading supplier of power accessories and contribute to the development of the power industry.

Contents

P02



Two-position
Loadbreak Switch

P04



Four-position
Loadbreak Switch

P06



Off-load Tap Changer

P07



Oil-immersed Current
Limited Backup Fuse

P08



Sidewall-Mounted
Bay-o-net Fuse Holder
Up to 38kV

P09



Bay-O-Net Sensing
Fuse Links

P10



Isolation Links

P11



Bay-o-net Fuse Holder
Drip Tray(drip Guard)

P12



HV Full Range
Current-limiting Fuse

P13



200A Bushing
Well Up To 25kV

P14



35kV 200A Tri-clamp Bushing
Well With Removable Stud

P15



15/25/28kV 600/900A
Deadbreak Apparatus
Bushing

P16



35kV 600/900A
Deadbreak Apparatus
Bushing

P17



Plastic Molded
Tri-clamp Secondary
Bushing

P18



Epoxy Molded
Secondary Bushing

P19



Transformer Meters

P20



15/25kV 200A
Loadbreak Elbow connect

P21



15/25kV 200A
Bushing Insert

P22



15/25kV 200A
Loadbreak Portable
Feed Thru

P23



15/25kV 200A
Loadbreak Junction

P24



ANSI Type Porcelain
Bushing

P26



Protective Links/weak
Links

P27



OMB Magnetic
Interrupter



Transformer Drain Valve
With Sample

Transformer componets

Transformer Components Solution And Service



Loadbreak Switch



Oil-immersed current limited backup fuse



bay o net fuse holder



OMB Magnetic Interrupter



Loadbreak Elbow Arrester



Loadbreak Elbow connector



UHZ-01 Oil Level Indicator to Transformer



YZ 70 Pressure Vacuum Gauge



BWS-70 Thermometer Gauge



YSF Pressure Release Valve



Low voltage bushing



35kV 200A Tri-clamp Bushing Well With Removable Stud



Bushing Insert



Bushing well



Off Load De-energized Tap Changer



Rotary Tap Changer



Oil Sampling Device

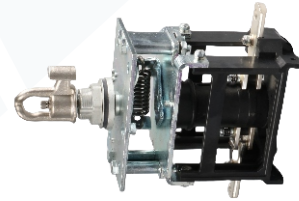
Product Information — 15/25kV Two-position Loadbreak Switch

General

The two-position loadbreak switch is designed for use in transformer to close or open the power source.

The switch uses a manually charged over-toggle stored spring assembly to operate, which is independent of operation speed.

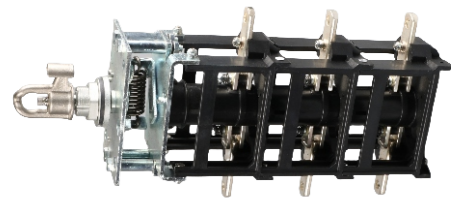
The silver plated copper blades are securely keyed between the vented rotor halves which ensure proper blade and contact alignment during switching.



—15/25kV Single Phase Two Position Loadbreak Switch

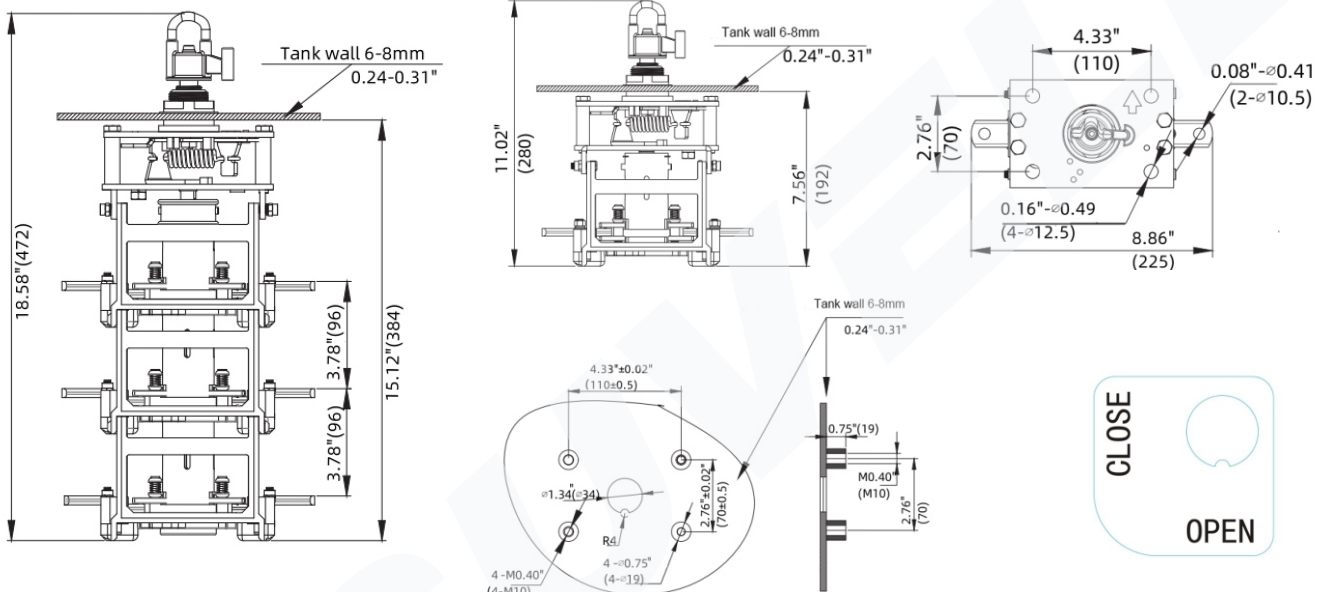
Parameters

Rated Voltage (Phase-to-Phase)	15/25kV
Withstand Voltage (50/60Hz)	55kV/1min.
BIL and Full Wave Crest	125kV
Rated Current	630A
Short Time Withstand Current	20kA/2s
Mechanical operation life	>2000 times
Main circuit resistance	<200μΩ



—15/25kV Three Phase Two Position Loadbreak Switch

Dimensions (All dimensions are in mm[inch])



—Position Indication Plate

Order Information

Description	Model
15/25kV Single Phase Two-position Loadbreak Switch	BYFIS-15/25-630-20
15/25kV Three Phase Two-position Loadbreak Switch	BYFI-15/25-630-20

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — 35kV Two-position Loadbreak Switch

General

The two-position loadbreak switch is designed for use in transformer to close or open the power source.

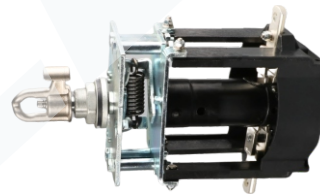
The switch uses a manually charged over-toggle stored spring assembly to operate, which is independent of operation speed.

The silver plated copper blades are securely keyed between the vented rotor halves which ensure proper blade and contact alignment during switching.

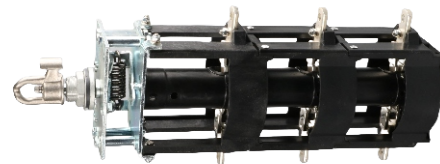
Parameters

Rated Voltage (Phase-to-Phase)	38kV
Withstand Voltage (50/60Hz)	95kv/1min
BIL and Full Wave Crest	200kv
Rated Current	630A
Short Time Withstand Current	25kA/4s
Mechanical operation life	>2000 times
Main circuit resistance	<200 $\mu\Omega$

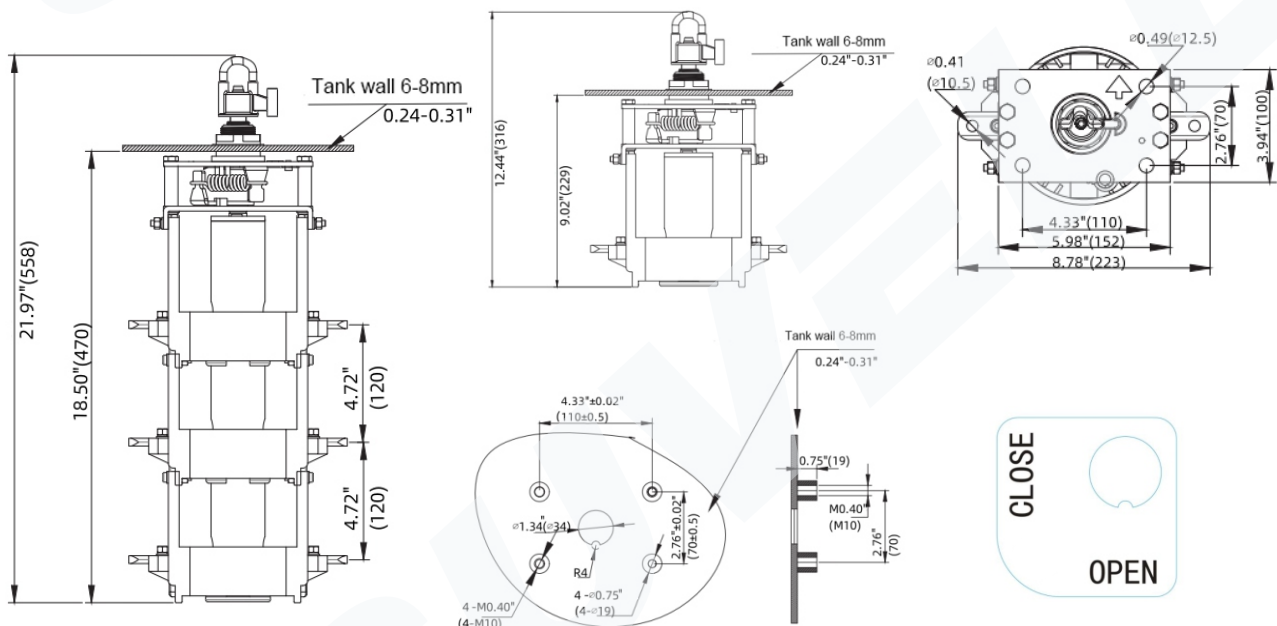
Dimensions (All dimensions are in mm[inch])



—35kV Single Phase Two Position Loadbreak Switch



—35kV Three Phase Two Position Loadbreak Switch



—Position Indication Plate

Order Information

Description	Model
38kV Single Phase Two-position Loadbreak Switch	BYFI-40.5-630-25-J1
38kV Three Phase Two-position Loadbreak Switch	BYFI-40.5-630-25

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — 15/25kV Four-position Loadbreak Switch(V Blade)

General

The four-position loadbreak switch is used in underground residential applications with loop feed, and in three-phase commercial industrial installations where the ability to use an alternative source of power is necessary. They can also be used to close or open the power source.

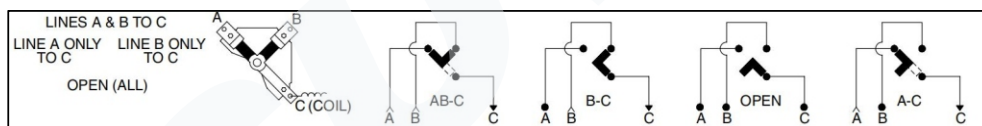
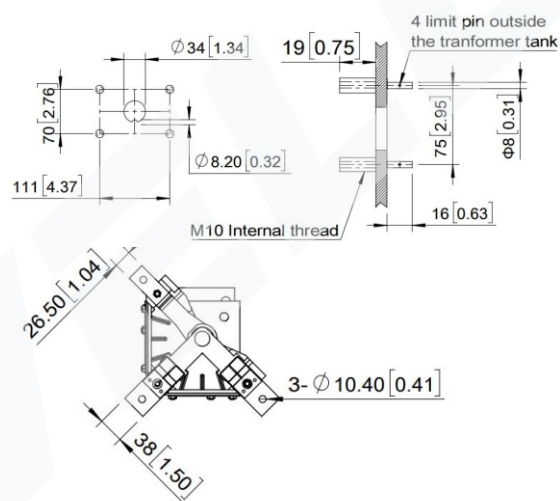
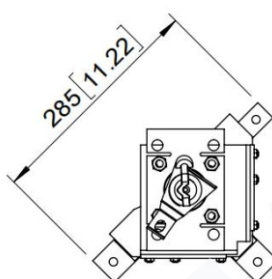
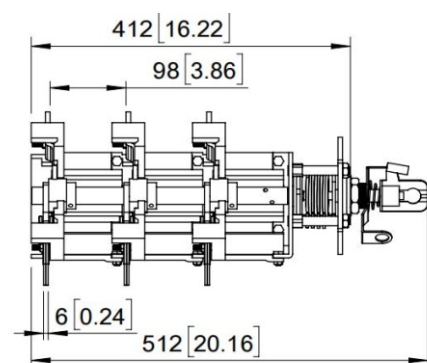
The switch uses a manually charged over-toggle stored spring assembly to operate, which is independent of operation speed.

The silver plated copper blades are securely keyed between the vented rotor halves which ensure proper blade and contact alignment during switching.

Parameters

Rated Voltage (Phase-to-Phase)	15/25kV
Withstand Voltage (50/60Hz)	50kV/1min.
BIL and Full Wave Crest	125kV
Rated Current	630A/15kV; 400A/25kV
Short Time Withstand Current	20kA/2s
Mechanical operation life	>2000 times
Main circuit resistance	<200μΩ

Dimensions (All dimensions are in mm[inch])



Order Information

Description	Model
15/25kV Three Phase Four-position Loadbreak Switch (V blade)	YZFN-27.8/630-20-V

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — Off-load Tap Changer

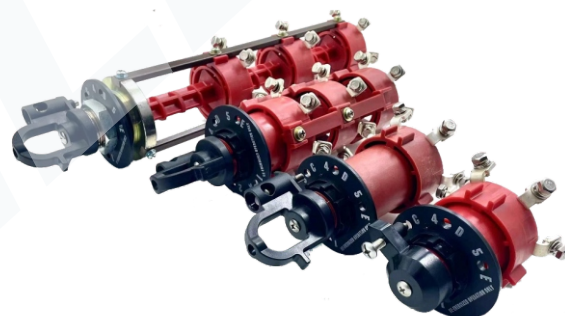
General

The tap-changer switch is designed for use in distribution transformers to tap the winding terminals to get the different voltage value.

The switch body, rotor, and shaft are made of a high strength, glass-filled thermoplastic material. The operating shaft is sealed against leakage by two high temperature resistant O-Rings.

The tap-changer switch is no excitation switch, operate it just in no load condition.

The switch has 6 contacts and five positions, can change the transformer voltage: -5%, -2.5%, 0, 2.5%, 5%

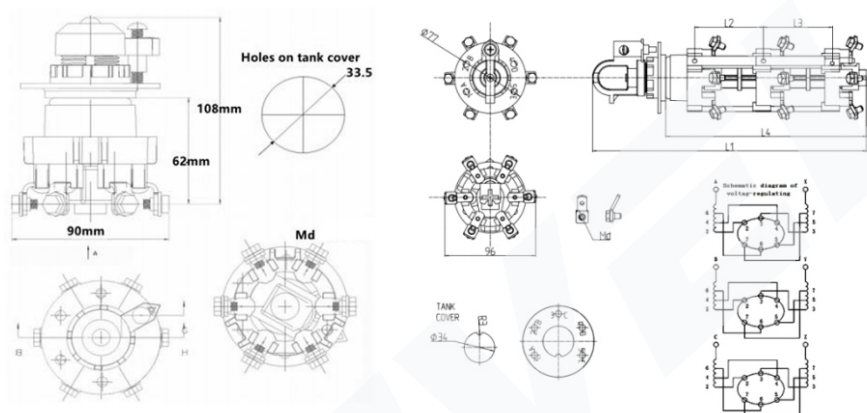


— Off-load Tap Changer

Parameters

Rated Voltage (Phase-to-Phase)	15kV	25kV	35kV
Withstand Voltage (50/60Hz)	50kV/1min.	55kV	95kV
BIL and Full Wave Crest (75)	75kV	150kV	215kV
Rated Current	63/125A	63/125A	63/125A

Dimensions (All dimensions are in mm[inch])



Model	Dimension(mm)				Hole size on tank cover(mm)
	L	H	H1	Md	
1 WDP 63/10-6X5	90	62	108	M6	φ33.5
2 WDP 125/10-6X5	90	62	108	M8	

Model	Regulating position	Install Dimension (mm)					Hole size on tank cover(mm)
		L	L2	L3	L4	Md	
1 WSP 63/15-6*5	Central	268	59	59	186	M6	φ33.5
2 WSP 125/15-6*5		268	59	59	186	M8	
3 WSP 63/20-6*5		296	73	73	215	M6	
4 WSP 125/20-6*5		296	73	73	215	M8	
5 WSP 63/35-6*5		328	73	73	248	M6	
6 WSP 125/35-6*5		328	73	73	248	M8	

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — Oil-immersed current limited backup fuse

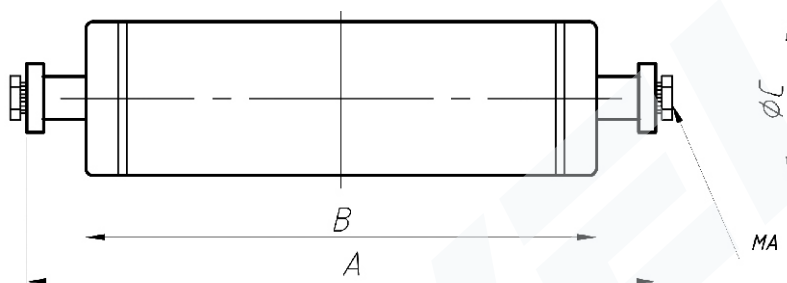
① General

The Current Limited Back Fuse (CL fuse) is used in transformers to protect and isolate faulted equipment. When connected in series with a low current primary protection device, such as Bay-O-Net fuse link, the CL fuse becomes an element of a two part protection system that gives a full range of fault protection.

This two-part system provides low current protection with the replaceable expulsion fuse. Together, the CL fuse coordinate easily with upstream and downstream devices.



② The Parameters and Dimensions (all Dimensions are in mm[inch])



③ Order Information

Type	Rated Current(A)	A(Inch/mm)	B(Inch/mm)	MA	φC	Breaking Curent
XRNT5-15.5	20 25 31.5 40	9.76/248	8.5/216	M6	φ53	50kA
	50 63 80 100 125	14.0/356	12.76/324	M6	φ53	
	150 175	15.94/405	14.69/373	M6	φ53	
	200 250	19.45/494	18.19/462	M10	φ76	
	315	23.62/600	22.32/567	M10	φ76	
XRNT5-25	20 25 31.5 40	19.45/494	18.19/462	M10	φ76	50kA
	50 63 80 100					
	125 150 175 200	23.62/600	22.32/567	M10	φ76	
	10 20	22.68/576	21.38/543	M10	φ76	
XRNT5-40.5	31.5 40 50 63	23.86/606	22.56/573	M10	φ76	31.5kA
	80 100 125 150 165	27.36/695	25.79/655	M10	φ76	

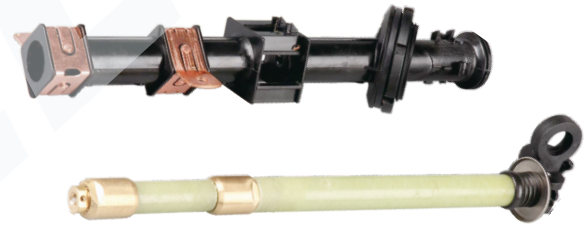
Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — Sidewall-mounted Bay-o-net Fuse Holder Up To 38kV

General

The Bay-O-Net fuse holder is designed for use in pad-mounted or subsurface distribution transformer. It is used with fuse link to protective the secondary short circuit faulted of transformer, such as current sensing fuse link, dual sensing fuse link, dual element fuse link.

The fuse holder is with a flapper valve inside the housing which closes when it is removed. This results in minimal oil spillage from the transformer tank which increases safety to line personnel during fuse changeouts, reduces potential of environmental concerns with oil pillage, reduces potential of oil contamination on the molded rubber elbow connections.



— Sidewall-Mounted Bay-o-net Fuse Holder Up to 38kV

Parameters

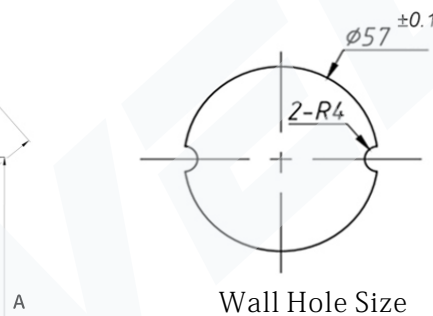
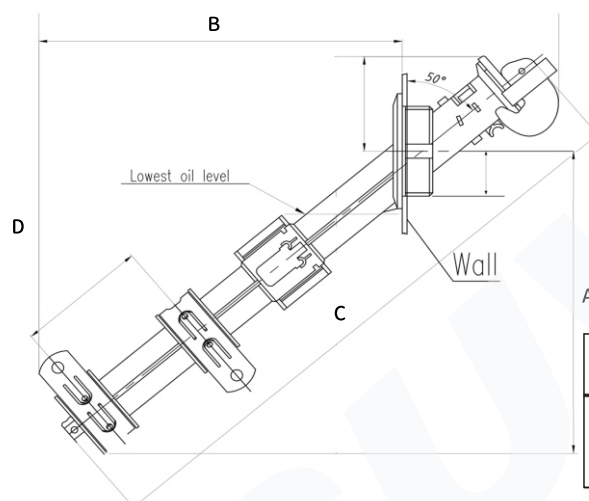
Ratings and Characteristics 23 kV Assembly

Electrical Ratings	kV
BIL and Full Wave Crest	150
60 Hz, AC, 1 minute withstand	50
Maximum Single-Phase Interrupting Ratings in Mineral Oil*	kV

Ratings and Characteristics 38 kV Assembly

Electrical Ratings	kV
BIL and Full Wave Crest	200
60 Hz, AC, 1 minute withstand	70
Maximum Single-Phase Interrupting Ratings	kV

Dimensions (All dimensions are in mm[inch])



Rated Assembly (kV)	Length in./(mm)			
	A	B	C	D
8.7/15/25	7.07 (183)	9.125 (232)	14.6 (371)	3.13 (80)
38	7.48 (192)	9.88 (252)	15.6 (396)	4.13 (105)

Order Information

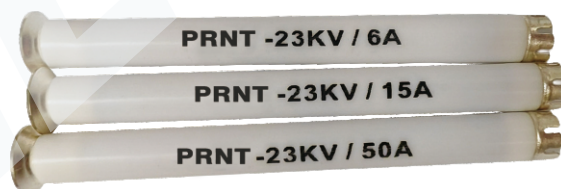
Description	Model
Sidewall-mounted Bay-O-Net Fuse holder	PRNT-15/25KV
Sidewall-mounted Bay-O-Net Fuse holder	PRNT-38KV

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information—Bay-O-Net Sensing Fuse Links

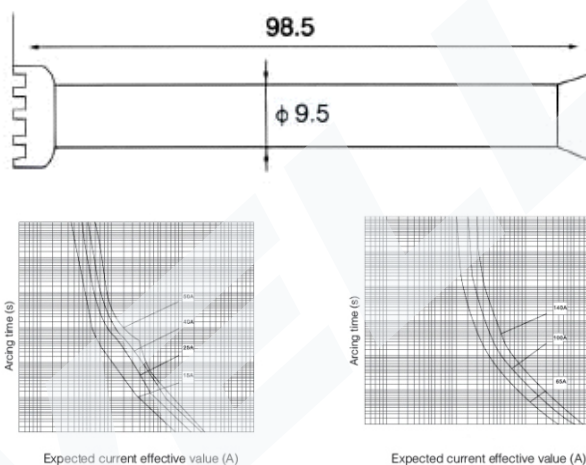
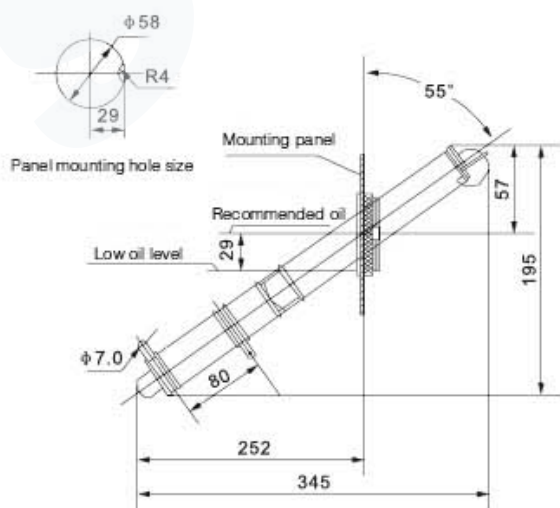
① General

A Bay-O-Net fuse is ideal for use in a two-fuse protection scheme with a current-limiting backup fuse. In this arrangement, secondary faults and overload currents are cleared by the Bay-O-Net fuse, and high level faults are cleared by the current-limiting fuse. The two fuses are connected in series, and are coordinated so that the current-limiting fuse operates only upon internal equipment failure. If the Bay-O-Net fuse will not be used in series with a current-limiting fuse, an isolation link is required.



— Bay-O-Net Sensing Fuse Links

① Dimensions (All dimensions are in mm[inch])



① Order Information

Type	Rated voltage	Rated current of the fuse link
PRNT-15(25)/X (Bay-O-Net)	15.5kv	3、5、6.3、10、16、20、25、32、40、50、63、71、80、100、125、140
PRNT-38/X(Bay-O-Net)	38kv	900A for 10-40A 1000A for 65A

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

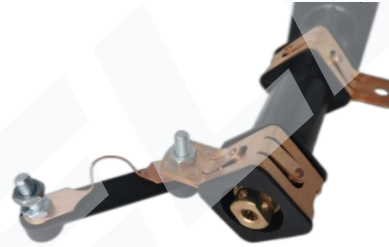
Product Information — Isolation Links

General

The isolation link is used in series with Bay-O-Net fuse link to provide extra protection for transformer. Isolation links are not fuses and do not have an interrupting rating. During a low impedance transformer failure, the isolation link will melt so that the opened primary circuit of a failed transformer cannot be re-energized by the utility line crew.

The design of the isolation link protects the link element from handling damage that can cause nuisance open circuits inside the transformer.

The isolation Links are designed to be bolted directly to the lower connection tab of the Bay-O-Net fuse holder in series between the primary transformer bushing and primary coil.



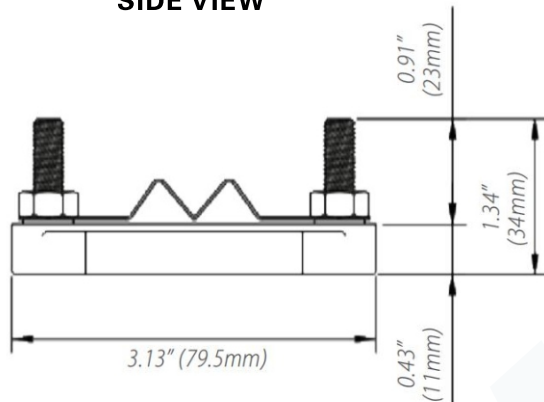
— Isolation Link Connected To The Holder



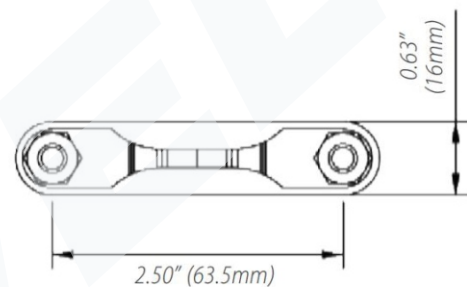
— Isolation Links

Dimensions

SIDE VIEW



FRONT VIEW



Order Information

Part Number	Time-Current Code	EATON Part Number
A01M	A1	3001861A01M
A02M	A2	3001861A02M
A03M	A3	3001861A03M
A05M	A5	3001861A05M
A06M	A6	3001861A06M
A07M	A7	3001861A07M

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — Bay-o-net Fuse Holder Drip Tray(drip Guard)

① General

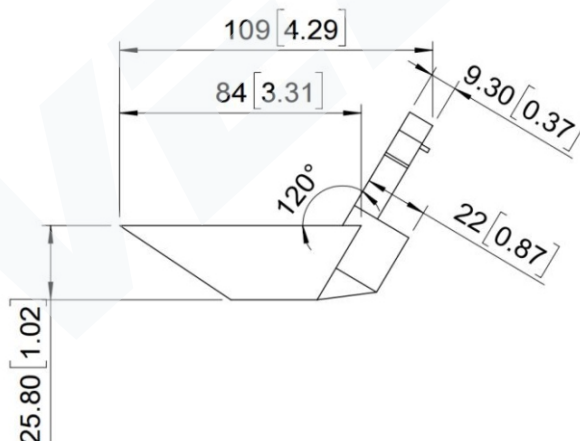
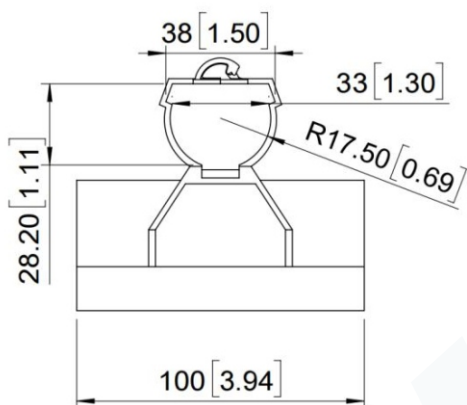
This drip tray prevents dripping of oil or other insulating fluids onto molded rubber terminators, cables, and arresters during removal of the Bay-O-Net fuse holder with our drip guard for sidewall mount Bay-O-Net fuse holders.

This drip tray protects rubber products that may not be chemically compatible with the dielectric fluid.

The drip tray is installed simply by snapping it around the neck of the Bay-O-Net fuse Holder.



① Dimensions (All dimensions are in mm[inch])



① Order Information

Description	Model
Bay-O-Net Fuse Holder Drip Tray (Drip Guard)	1C10880H01

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

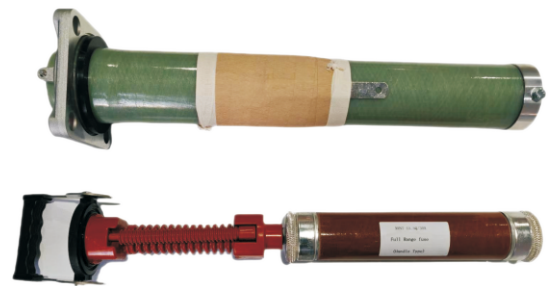
Product Information — HV Full Range Current-limiting Fuse

General

This product is suitable for use in power systems with an AC rated frequency of 50Hz and a rated voltage of 12~40.5kV, as an overload and short-circuit protection component for power transformers and other power equipment. It is mainly installed in the transformer oil of American box transformer and has no pollution to the transformer oil. It is widely used in power distribution protection of wind power generation, solar power generation, underground transformer and other equipment. Equipped with micro switch device to provide operation, fuse indication and signal output functions. Temperature limiting function available. The outstanding performance of this product is reflected in: -Strong breaking and current limiting capabilities, good overload and small current protection performance

- Reliable sealing performance
- Strong insulation and voltage resistance
- Convenient and flexible installation and replacement
- Easy and flexible operation

Line to Ground	8.3kV	15.2kV	21.1kV	21.1kV
Impulse Withstand	95kV	125kV BIL	125kV BIL	150kV BIL
Corona Extinction	11kV	11kV	11kV	11kV
Momentary Current(without fuse)	10000A	10000A	10000A	10000A
Continuous Current(without fuse)	160A	160A	160A	160A
Max Fault Current Interrupting Ability	EQUAL TO FUSE RATING			



— HV Full Range Current-limiting Fuse

Dimensions

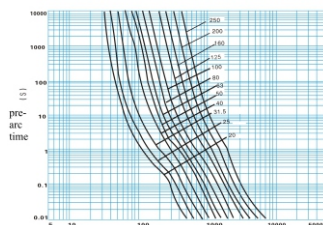
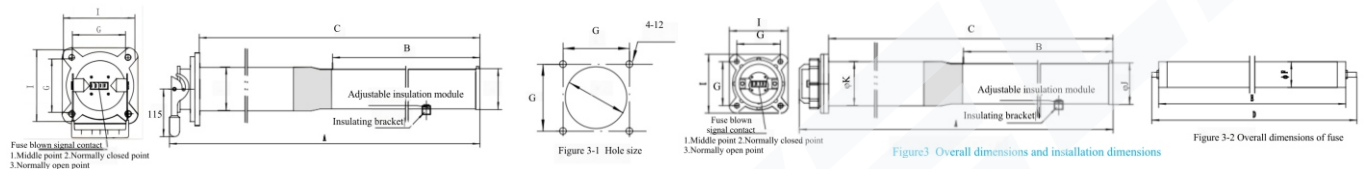


Figure 1-1 XRNT-12-155 Q time-current characteristics

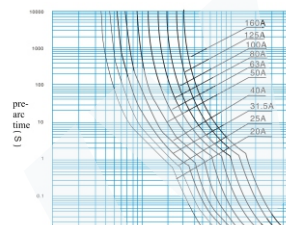


Figure 1-2 XRNT-24Q time-current characteristic curve

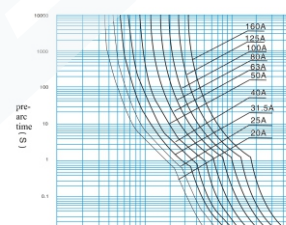


Figure 1-3 XRNT-40-5Q time current characteristic curve

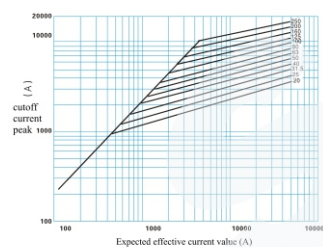


Figure 2-1 XRNT-12-155 Q current limiting characteristics

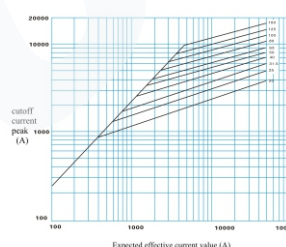


Figure 2-2 XRNT-24Q current limiting characteristics

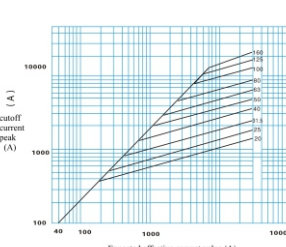


Figure 2-3 XRNT-40-5Q current limiting characteristics

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — 200A Bushing Well Up To 25kV

① General

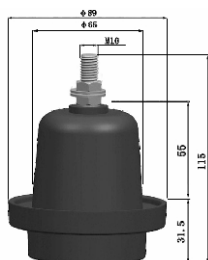
1. STGZ-15(25)/200A bushing well, mainly used for current 200A gas insulated switchgear, ring main unit, dry transformer and other equipments. Installed on the high voltage side of the device connect to the switch, or connect to transformer high voltage winding.
2. Can use a single-through bushing insert, feedthru insert or single-way Tarester connected to the relevant equipment through the casing.
3. The interface complies with the IEEE386 standard.

Warning:

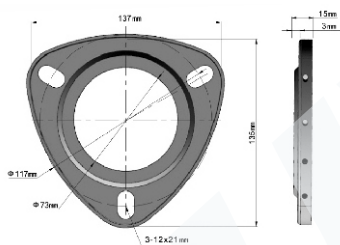
1. All equipments connected to the busing well must be powered off during installation or maintenance.
2. Check the appearance of the bushing well before installation, and there should be no defects such as breakage, cracks, etc.



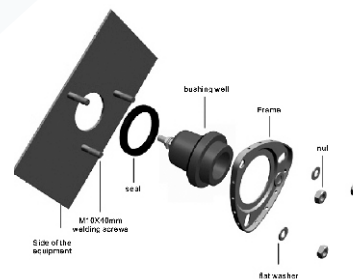
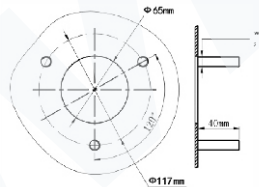
① Dimensions



— Bushing Well



— Triangular Plate



① Order Information

Description	Model
15KV 200A Casing seat	STGZ-15/200
25KV 200A Casing seat	STGZ-25/200

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — 35kV 200A Tri-clamp Bushing Well With Removable Stud

General

The tri-clamp bushing well is high temperature nylon (HTN) molded, and is externally clamped for sidewall mounting on single or three phase transformers filled with transformer oil, or an approved equivalent. It mates with all bushing inserts meeting applicable IEEE std 386-2016. It's knurled copper stud with rolled threads provides excellent conductivity. It also has an optional removable stud that offers easy field replacement of the bushing stud with a standard 5/8" socket wrench in the event of damage or breakage in the field. A 7/64" hex has been provided in the portion of the stud which mates into the bushing insert. Should breakage occur here this feature allows for easy stud removal from the insert.

- Molded-in semi-conductive collar
- No additional clamps required
- Bail tabs molded into tri-clamp body

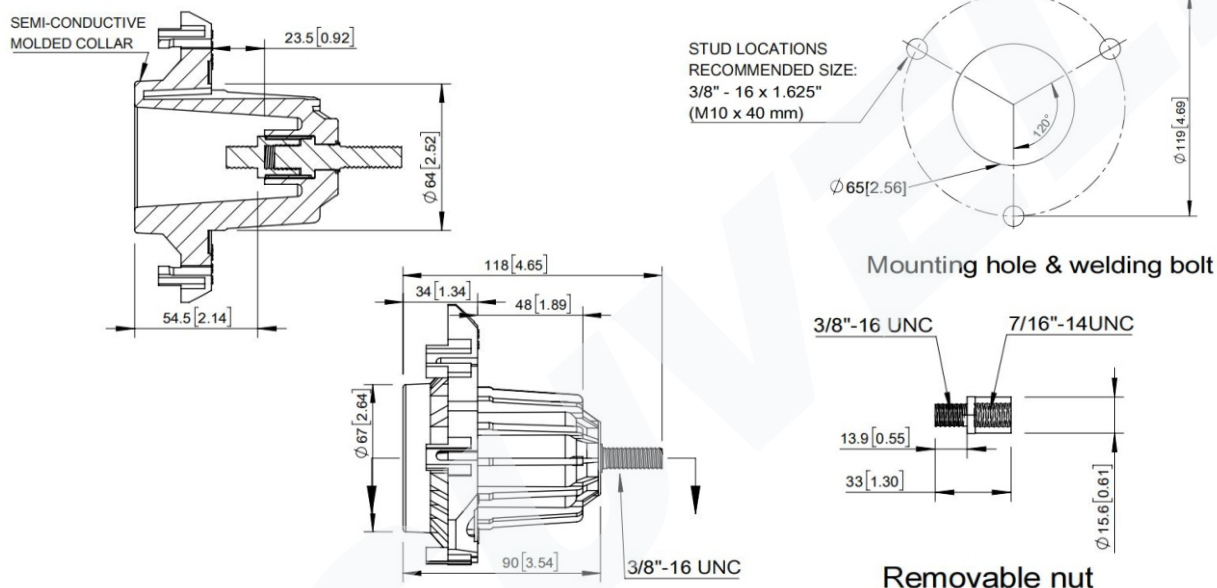
Parameters

Rated Voltage (Phase-to-Phase)	15/25/35kV
Withstand Voltage (50/60Hz)	50kV/1min.
BIL and Full Wave Crest	150kV
Minimum Corona Voltage Level	26kV
Continuous Current	200A
Short Time Withstand Current	10kA rms symmetrical for 0.17s 3.5kA rms symmetrical for 3.0s



— Tri-clamp Bushing Well With Removable Stud

Dimensions (All dimensions are in mm[inch])



Order Information

Description	Model
15/25/35kV 200A Tri-clamp Bushing Well with Fixed Stud	SJTGZ-35/200
15/25/35kV 200A Tri-clamp Bushing Well with Removable Stud	SJTGZ-35/200-R

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — 35kV 600/900A Deadbreak Apparatus Bushing

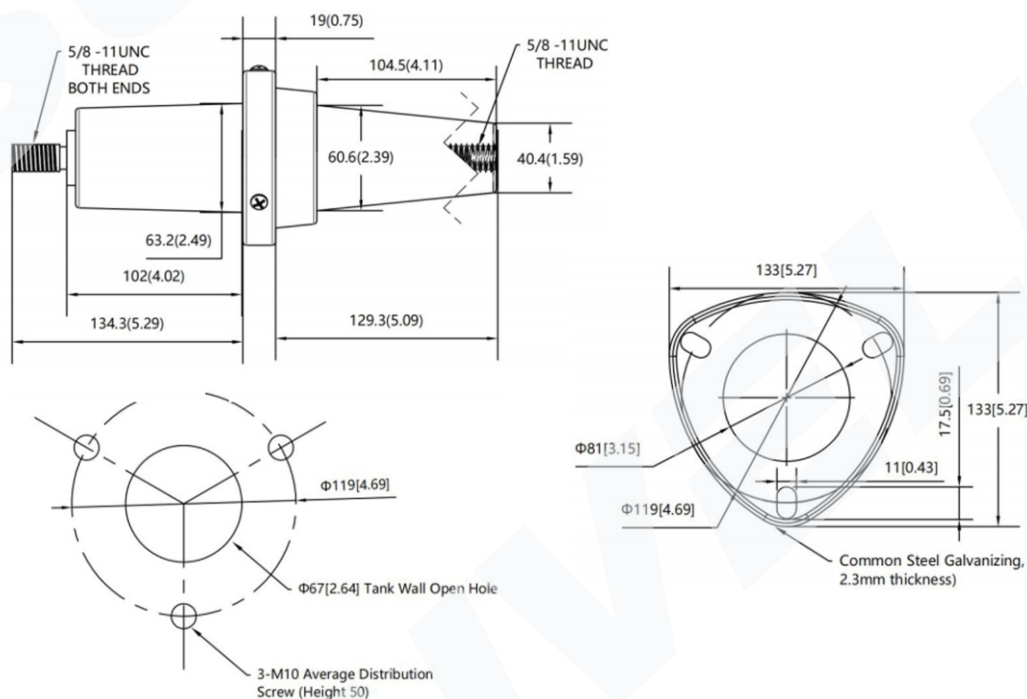
Parameters

Rated Voltage (Phase-to-Phase)	35kV
Withstand Voltage (50/60Hz)	50kV/1min
BIL and Full Wave Crest	150kV
Minimum Corona Voltage Level	26kV
Continuous Current	600/900A
Short Time Withstand Current	25kA rms symmetrical for 0.17s 10kA rms symmetrical for 0.17s



— Deadbreak Apparatus Bushing

Dimensions



Order Information

Description	Model
15/25/28kV 600A Deadbreak Apparatus Bushing (Aluminum)	MSTG-35-600
15/25/28kV 900A Deadbreak Apparatus Bushing (Copper)	MSTG-35-900

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — Plastic Molded Tri-clamp Secondary Bushing

General

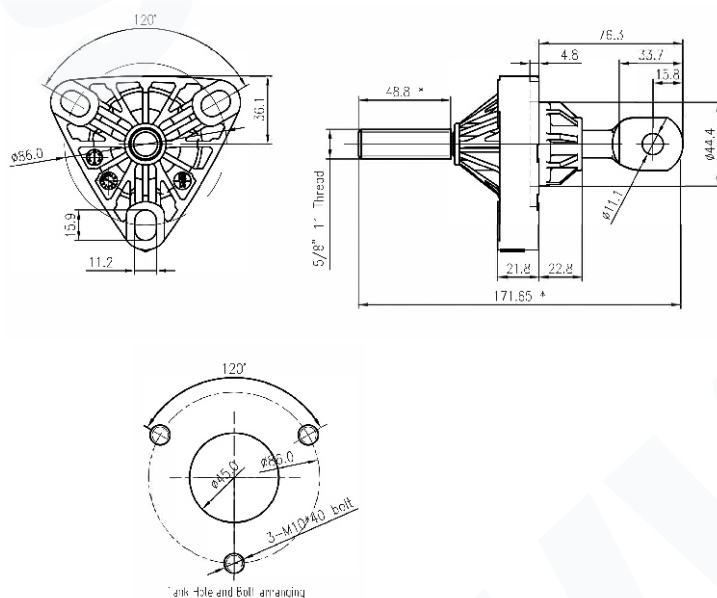
This type secondary bushing is designed for external mounting on distribution transformers filled with transformer oil, or an approved equivalent. It is available with either spade or stud connections. It is designed for use indoors or inside cubicles of fluid-filled transformers or switchgear.

Internal spade/externally threaded stud secondary tri-clamp bushing is available with 5/8" diameter copper stud. An internally threaded stud option is also available. Industry standard mounting configuration and compatibility with most available connectors allow use in a wide range of applications.

Parameters

Rated Voltage (Phase-to-Phase)	1.2kV
Withstand Voltage (50/60Hz)	10kV/1min.
BIL and Full Wave Crest	30kV
Continuous Current	600/1200A

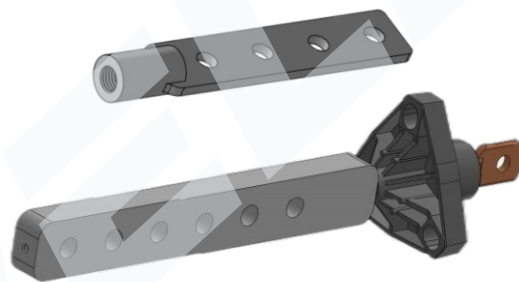
Dimensions (All dimensions are in mm[inch])



Plastic Molded



— Plastic Molded Tri-clamp Secondary Bushing



Order Information

Description	Model
600A Tri-clamp Secondary Bushing	600A
1200A Tri-clamp Secondary Bushing	1200A

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

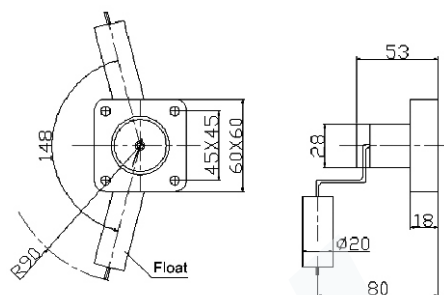
Product Information — Transformer Meters

0 General



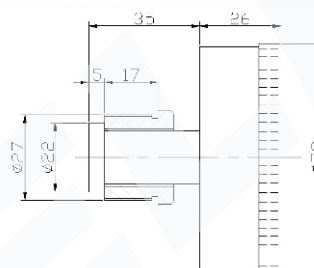
• UHZ-01 Oil Level Indicator to Transformer

The oil level indicator is applicable to the oil tank installed on the side wall of small and medium-sized oil immersed transformer oil conservator and on load switch oil conservator. The oil level indicator can also be used for liquid level measurement of other open or pressure vessels, and can replace the connected glass tube oil level indicator.



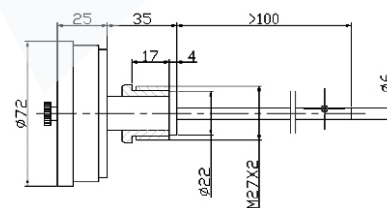
• YZ 70 Pressure Vacuum Gauge

Vertical installation; Measuring range limit in $\pm 3/4$;
Tighten the compression bolt
Handle gently; Regular inspection within 6 months



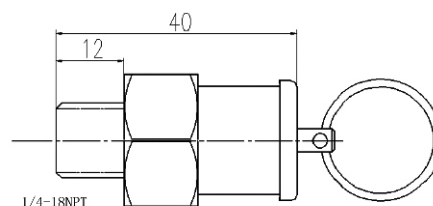
• BWS-70 Thermometer Gauge

The thermometer gauge is furnished to indicate the top liquid temperature in the tank in degrees Centigrade.



• YSF Pressure Release Valve

The valve mainly used to make the gas pressure in the container not exceed the predetermined value, when higher than relief valve pressure, it will open, when less than relief valve pressure, it will close.



Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — 15/25kV 200A Loadbreak Elbow

① Dimensions

SZT-15	1	2	3
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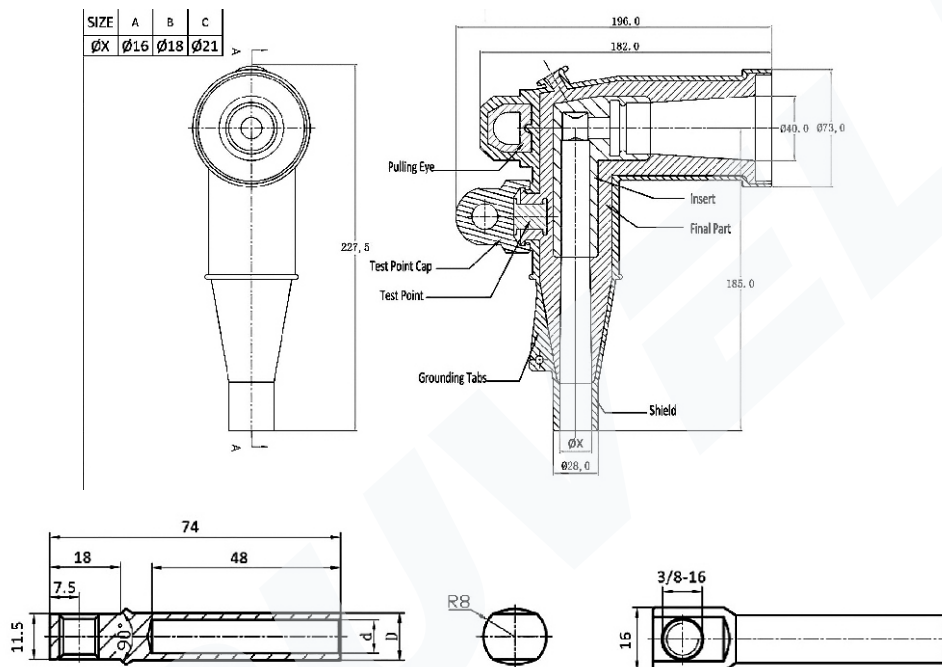
1	Current Rating	Test Point Code
	200=200 AMP WITH test point	
	210=210 AMP WITHOUT test point	

2	Cable Insulator O.D. Range	
code	Inches	mm
A	653~744	16.6~18.9
B	803~870	20.4~22.1
C	925~988	23.5~25.1

3	Compression Lugs Conductor Size (Aluminum or Copper)	
code	D	d
DTC-25	11	7.0
DTC-35	12	8.5
DTC-50	14	9.7
DTC-70	16	12.1
DTC-95	18	13.2
DTC-120	20	15.1
DTC-150	22	16.2



— Loadbreak Elbow



① Order Information

Description	Model
200A 15kV Elbow Connector	SZT-15/200
200A 25kV Elbow Connector	SZT-25/200

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — 15/25kV 200A Bushing Insert

① Dimensions

Continuous voltage ratings

Item	15kV Parameter
Continuous operating voltage	8.7kV/14.4kV
AC withstand voltage	45kV/1min
DC withstand voltage	53kV/15min
1.5/50 μ s Impulse withstand voltage	95kV
Partial discharge voltage	15kV

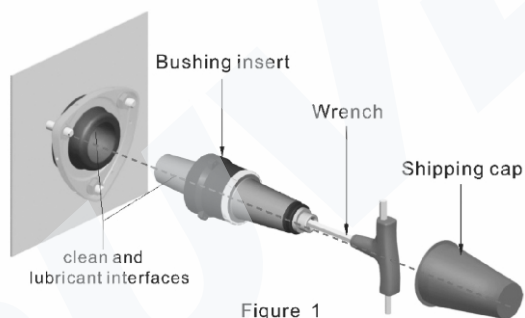
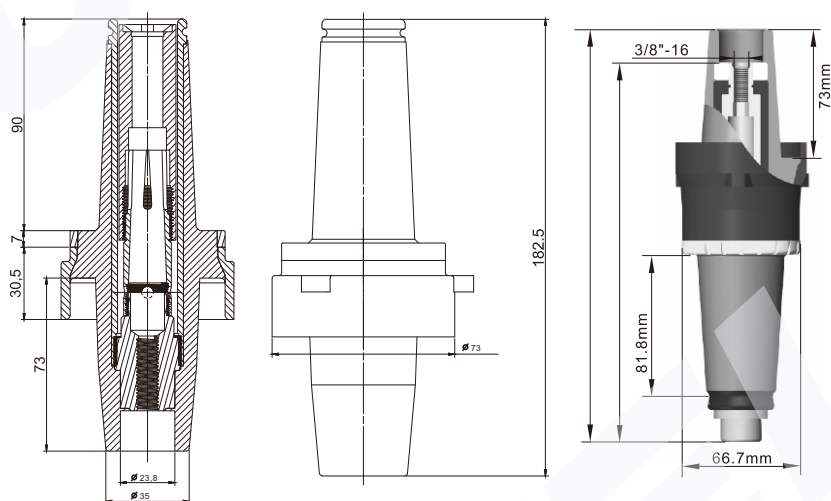


Figure 1

① Order Information

Description	Model
200A 15kV bushing insert	SDTT-15/200
200A 25kV bushing insert	SDTT-25/200

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — 15/25kV 200A Loadbreak Portable Feed Thru

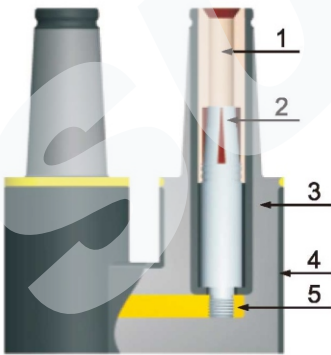
① General

200A Load break junctions are used in pad-mounted apparatus, underground vaults, and other apparatus to sectionalize, establish loops, taps, or splices, and to facilitate apparatus changeouts. Sectionalizing a cable run to find and isolate a cable fault is made easy when a load break junction is used with 15kV Class load break elbows. When mated with a comparably rated product, the junction provides a fully shielded, submersible, separable connection for load break operation. The body is molded of high quality EPDM.

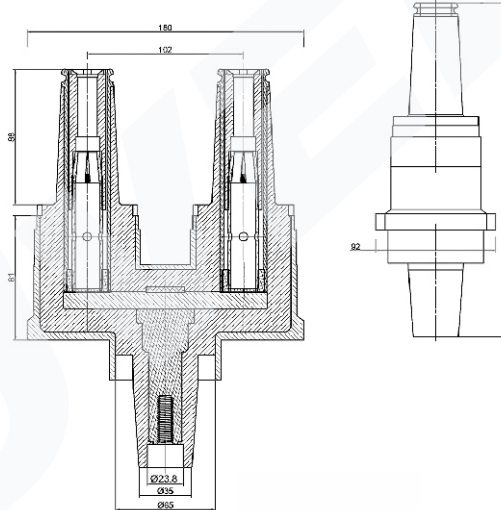
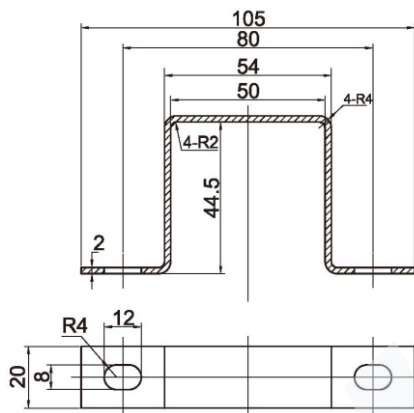


— Loadbreak Portable Feed Thru

② Dimensions



1. ARC SNUFFER ASSEMBLY: Arc-ablative plastic produces arc extinguishing gas during loadbreak switching operations.
2. COPPER BUS BAR: Copper fittings are fixed in copper conduction bar.
3. EPDM INSULATION: High quality sulfur cured EPDM insulation is mixed and formulated in-house for complete control of insulating rubber characteristics.
4. SEMI-CONDUCTIVE SHIELD: Molded Semi-conductive EPDM shield meets requirements of ANSI/IEEE Standard 592
5. COPPER CONDUCTING BAR: The conductive row is made of copper. It can ensure current smooth and play good cooling effect.



③ Order Information

Reference No.

15kV Feedthru bushing insert

25kV Feedthru bushing insert

Number Of branches

STT-15/200

STT-25/200

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — 15/25kV 200A Loadbreak Junction

General

200A Load break junctions are used in pad-mounted apparatus, underground vaults, and other apparatus to sectionalize, establish loops, taps, or splices, and to facilitate apparatus changeouts. Sectionalizing a cable run to find and isolate a cable fault is made easy when a load break junction is used with 15kV Class load break elbows. When mated with a comparably rated product, the junction provides a fully shielded, submersible, separable connection for load break operation. The body is molded of high quality EPDM.

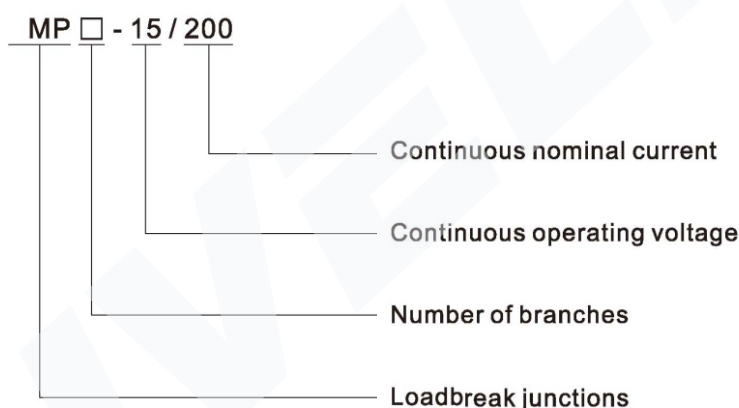
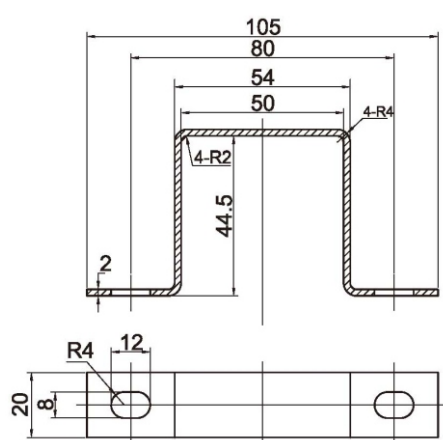


— Loadbreak Junction

Dimensions



- Loadbreak junctions
- Covering cap
- Mounting panel
- Installation Instruction Sheet
- Quality Certificate

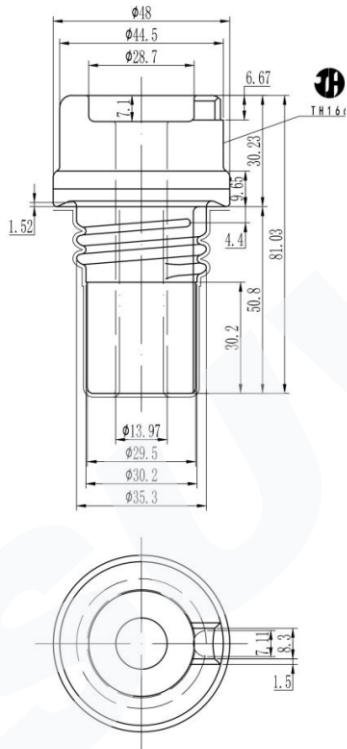


Order Information

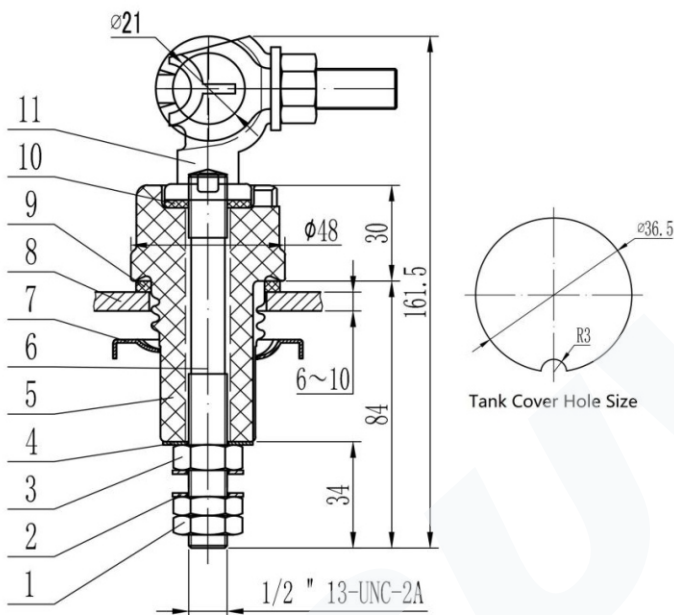
Reference No.	Number Of branches
MP2-15/200	2
MP3-15/200	3
MP4-15/200	4

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — ANSI Type Porcelain Bushing



— ANSI Type Porcelain Bushing



No.	Remark	Name	Quantity	material
1		Thin nut	2	brass
2		12 flat washer	2	brass
3		thick nut	1	brass
4		12 large flat pads	1	stainless steel
5		1/315 Porcelain Bottle	1	high pressure porcelain
6		$\phi 12 \times 118$ conducting rod	1	copper
7		American standard flower basket	1	Non-magnetic steel
8		tank cover		
9		$\phi 44 \times \phi 34.5 \times 3.5$ Rectangular sealing ring	1	Acry late
10		$\phi 27 \times \phi 12 \times 2.5$ Rectangular sealing ring	1	Acry late
11		315A ANSI tension terminal	1	brass

Technical parameters

AC	10kV/1min	BIL	30kV
Creep age distance	$\geq 35\text{mm}$	Cantilever load	1000N

Order Information

Description

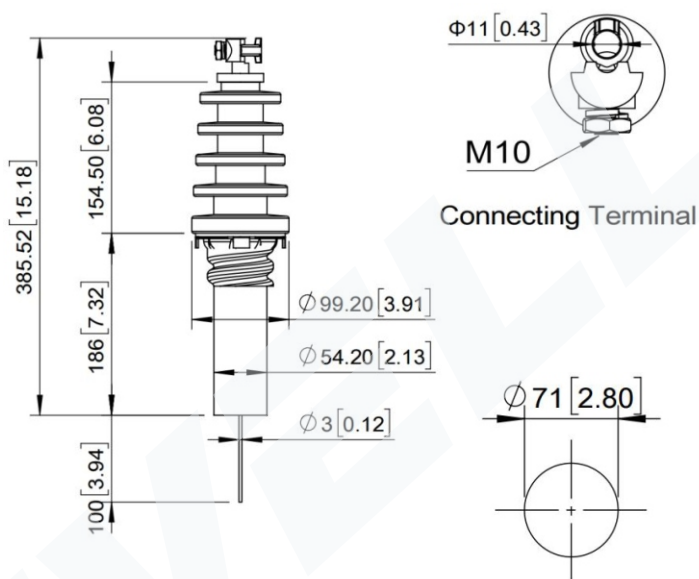
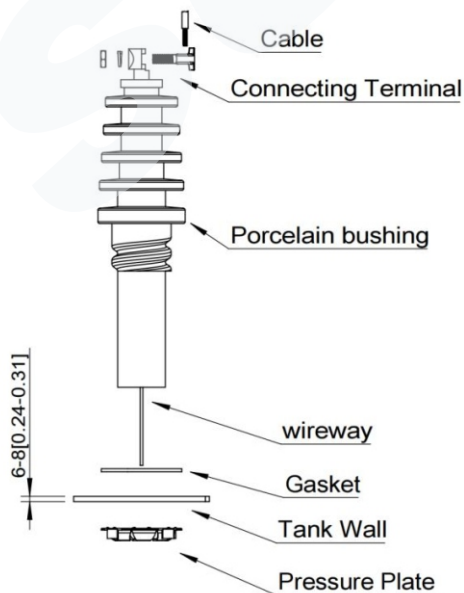
1kV 315A Porcelain Bushing (ANSI Type)

Model

Request for reference

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — ANSI Type Porcelain Bushing



Parameters

Rated Voltage (Phase-to-Phase)	15kV
Withstand Voltage (50/60Hz)	42kV/1min.
BIL and Full Wave Crest	95kV
Creepage distance	>310mm

Order Information

Description	Model
15kV 50A Porcelain Bushing (ANSI Type)	Request for reference

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — Protective Links/weak Links

General

The protective link (Weak Link) is an oil immersed, expulsion type fuse designed for use in the high voltage circuit of a distribution transformer. Westinghouse originally developed the protective link as part of the CSP system of distribution transformer protection. When used in the CSP scheme, the function of the protective link is to disconnect a defective transformer from the feeder circuit and to limit the severity of the damage to the transformer in case of an internal fault. Protective links are available in a variety of fuse sizes and voltage classes. In most applications today, the protective link is used in series with a partial range or back-up current limiting fuse. The series combination of protective link and back-up type current limiting fuse adds an additional layer of fuse coordination that must be performed for proper functioning of both devices.



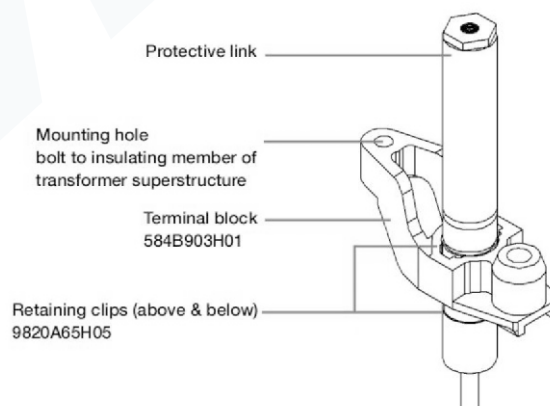
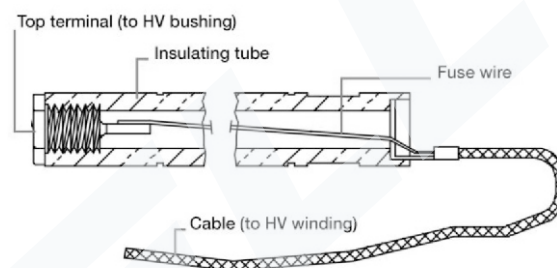
Parameters

Application voltage ¹	Interrupting rating (rms symmetrical amperes)
2400 V	5000
4800 V	4800
7200 V	3500
12000 V	3000
14400 V	2500
23000 V	1200
34500 V	1200

¹ Application voltage is single phase line to ground and/or three phase line to line

Order Information

Curve number	<=15kV	<=23kV	<=34.5kV
2	592B581G01	779C667G01	345B995G21
3	592B581G02	779C667G02	345B995G29
3A	592B581G11	779C667G03	345B995G22
4	592B581G06	779C667G08	345B995G33
5	592B581G03	779C667G04	345B995G23
5A	592B581G12	779C667G09	345B995G24
6	592B581G04	779C667G05	345B995G28
7	592B581G05	779C667G06	345B995G25
7A	592B581G13	779C667G33	345B995G34
8	592B581G07	779C667G07	345B995G26
9	592B581G08	779C667G34	345B995G27
10	592B581G09	779C667G35	345B995G31
11	592B581G14	779C667G36	345B995G32
12	592B581G31	Not available	Not available
13	592B581G32	Not available	Not available



Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — OMB Magnetic Interrupter

General

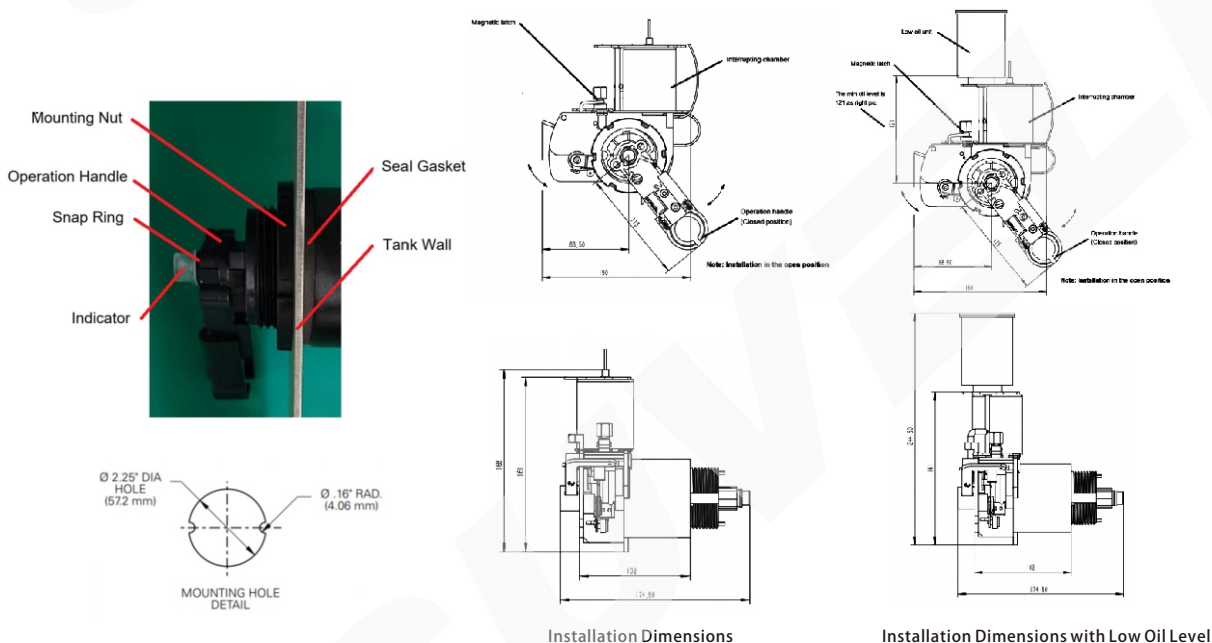
The OMB Magnetic Interrupter is a self-recovering single/two/three-phase device using magnetic trip principles for overcurrent and oil temperature protection in oil-filled transformers (e.g., pad-mounted substations, pole-mounted transformers). It works with high-current-breaking protective equipment (e.g., backup fuses, full-range fuses) to provide comprehensive protection against short circuits or overloads, preventing damage, aging, or explosions. Reusable without component replacement, it can make/break load currents and allows easy transformer operation via its handle. Available in single-phase, two-phase, and three-phase designs, its housing is made of UV-stabilized, high-strength glass-filled thermoplastic.



Parameters

Rated Voltage	23kV
AC Withstand (1min)	55kV
BIL	150kV
Rated Currenting	65A/12kV
Interrupting Current(Sym)	2100A/12kV; 500A/23kV
Mechanical Operation Cycling	>1000 times
Rated Load Switching Times	> 400 times

Dimensions (All dimensions are in mm[inch])



Order Information

Description	Model
OMB Magnetic Interrupter	8.3kV / 15.5kV / 23kV

Note: Product related information is constantly updated. Please confirm relevant information with our company before placing an order.

Product Information — Transformer Drain Valves

0 General

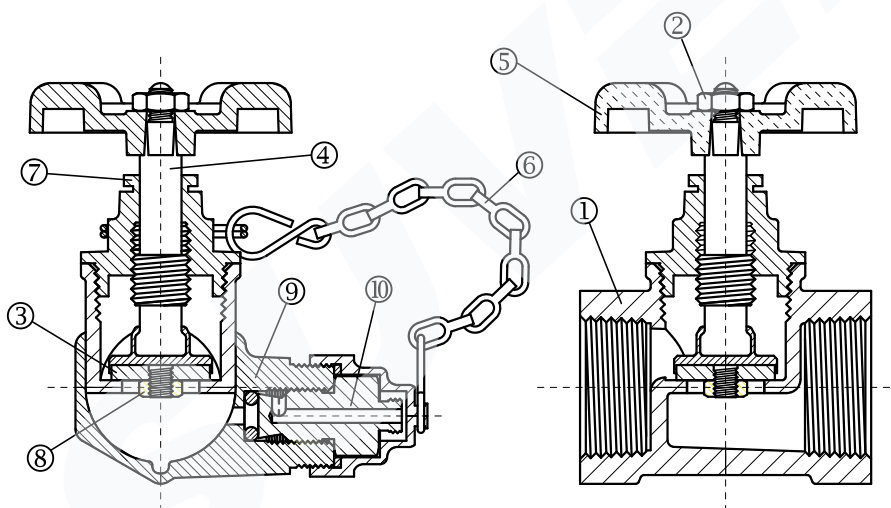
The brass body globe sampler valves are designed for sampling, filling, or draining coolant from an electrical apparatus. The "Drain Valve with Sampler" has an integral sampling device on the outlet side of the valve. All gaskets throughout the valve are "Viton" for compatibility with all insulating fluids. The large port opening insures minimum flow resistance. Drain Valves with samplers are available in 1" and 2" sizes and rated at 200 lb. WOG. Drain Valves are also available in Stainless Steel.



0 Parameters

DESCRIPTION	MATERIAL & SPECIFICATIONS
Valve Body	Brass/Stainless
Handle Nut	12-24 Hex Nut, w/Loctite 290 or 680 Applied
Disc	Teflon
Stem	Brass
Handle	Brass
Chain	Brass/ Link Chain
Stuff Nut	BrassNut w/Loctite and Viton "O" Ring
Disc Nut	Brass Nut w/Loctite
Drain Fitting	BrassNut w/Viton "O" Ring
3/8" Sampler	Brass

0 Dimensions (All dimensions are in mm[inch])



SUVELL

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