INSULATION ACCESSORIES SERIES

Installation Drawing

Function

It have the insulation, isolation, connection and transition function.

Usage

It is used for various of handcart type switch cabinet.

Standards:

Meets the requirements of GB3906-1991 < 3-35kv AC metal enclosed switchgear panel >

JB/T 10305-2001 < 3.6-40.5kv post insulator technique of organic material used in high equipment >

Description:

Selection of high toughness epoxy resin, with excellent mechanical properties and excellent electrical properties. Use lower reaction of active formula system, fast curing of material,low internal stress of product, to maximize the mechanical properties of the product.

Add active micro silicon powder, use epoxy resin material with automatic pressure gelating technique APG (casting). Which is beautiful in products, and good in mechanical properties of epoxy resin, but also to ensure that the insulators in humid environment maintain long-term good electrical insulation properties.

Add organic pigment, bright color, and not reduce the insulation performance of products.

Normal Working Environment:

1. Altitude: ≤1000m.
2. Ambient temperature at -30°Cto +40°C, the daily average temperature should not more than 30°C.
3.The daily average of relative humidity is less than 95%, the average monthly is less than 90%.
4.Working environment should be without steam, gas, chemical corrosive deposition, salt fog, dust, dirt and other dangerous explosive media, which will severely impact on insulation and conductivity of products.
5. Working environment should be regular vibration and serious bumps.

12kV CONTACT BOX SERIES

Model No.: LY101 Name: Contact box Rated current:630-1250A

Model No.: LY102 Name: Contact box Rated current:1250A

Model No.: LYC231(Plateau type) Name: Contact box(for KYN28 cabinet) Rated Current:630A-1600A

Model No.: LYC247(3VE-07190) Name: Contact box

Model No.: LYC248(190tee) Name: Contact box

A: 2- M8 depth 15 B: M10 depth 25

Model No.: LYC449 Name: Contact box

Model No.: LY103 Name: Contact box Rated current:1250-1600A

Model No.: LYC230(Plateau type) Name: Contact box(for KYN28 cabinet) Rated Current:1600A-3150A

Model No.: LY104 Name:Contact box Rated current:1600-2000A

Model No.: LY105 Name: Contact box Rated current:3150-4000A

Model No.: LY106 Name: Contact box Rated current:3150-4000A

Model No.: LYC235 Name: Contact box(for KYN18 cabinet) Rated current:630A-3150A

Model No.: LYC236 Name:Contact box(for KYN1 cabinet) Rated current:630A-1250A

Model No.: LYC246 Name: Contact box

Model No.: LYC239 Name:Contact box

Model No.: LYC244 Name:Contact box

Model No.: LYC352 Name: Contact box

Model No.: LYC450 Name: Contact box

Model No.: LYC245 Name: Contact box

Model No. : LYC234 Name: Contact box(for KYN28 cabinetF,C circuit) Rated current:630A-3150A

24kV CONTACT BOX SERIES

Model No.: LY107 Name:Contact box Rated current:≤630A

Model No.: LY108 Name: Contact box Rated current:≤630-1600A

Model No.: LYC251(shield type) Name: Contact box Rated current:2500-3150A

Model No.: LY120 Name: Contact box Rated current:2500-3150A

Model No.: LY115 Name: Contact box Rated current:2500-3150A

Model No.: LY116 Name: Contact box Rated current:2500-3150A

Rated short-time power frequency withstand volt	Rated lightning impulse withstand volt	partial discharge quantity	Creepage distance	Glass transition temperature (Tg)
65kV 1min	125kV	≤ 5pC	≥ 480mm	95℃ ~105℃

Model No.: LY119 Name: Contact box Rated current:2500-3150A

Rated short–time power frequency withstand volt	Rated lightning impulse withstand volt	partial discharge quantity	Creepage distance	Glass transition temperature (Tg)
65kV 1min	125kV	≤ 5pC	≥ 480mm	95℃ ~105℃

Model No.: LY109 Name: Contact box Rated current:≤2000-2500A

40.5kV CONTACT BOX SERIES

Model No.: LYC257 Name: Contact box(ABB)

A: M10 depth 25 B: M10 depth 40 C: M20 depth 50 D: M10 depth 25

Model No.: LYC259 Name: Contact box(for KYN61 cabinet)

Model No.: LYC262 Name: Contact box(for KYN61 cabinet)

Model No.: LYC264 Name: Terminal enclosure contact(for ABB cabinet)

Model No.: LYC265 Name: Tee Contact box

Model No.: LYC266 Name: Contact box

Model No.: LYC267(tee conact box) Name: Contact box

Model No.: LYC268 Name: Contact box

Model No.: LYC269 Name: Contact box

Model No.: LYC270 Name: Contact box

Model No.: LYC272 Name: contact box

Model No.:LY111 Name:Contact box (Shielded)

Model No.:LY112 Name: Contact box (Shielded)

Model No.:LY113 Name:Contact box

Model No.: LY121 Name: Contact box

Model No.:LY110 Name: Contact box (Shielded)

Model No.: LYC258(for1.4m cabinet) Name: Bending plate(ABB)

Model No.: LYC260 Name: Bending plate(for KYN61 cabinet)

Model No.: LYC261(for 1.4m cabinet) Name: Bending plate(for KYN61 cabinet)

Model No.: LYC263 Name: Bending plate

Model No.: LYC273 Name: Bending plate

Model No.: LYC274 Name: Bending plate

Model No.: LYW101/102 Name:Bending plate（For 1.4m switchgear）

Model No.: LYW103 Name:Bending plate（For 1.2m switchgear）

Model No.: LYW104 Name:Bending plate（For ABB switchgear）

12KV BUSHING SERIES

Model No.:LYC142 Name:TG3-12/90x142x250 Bushing

Model No.:LYC143 Name:TG3-12/100x100x260 Bushing

Size of bus –bar hole
65 × 11

Model No.:LYC180 Name: Bushing

Size of bus –bar hole
4 × 40
5 × 50
6 × 60
8 × 80
10 × 60
10 × 80
18 × 88

Model No.:LYC181 Name: Bushing

Size of bus–bar hole
6 × 60
8 × 80
16 × 86
15 × 70
30 × 80

Model No.:LYC182 Name: Bushing

Size of bus–bar hole
6 × 60
10 × 60
10 × 80
18 × 70
18 × 88

Model No.:LYC144 Name:TG3-12/100x145x218 Bushing

No.:LYC184 Name: Bushing

Size of bus-bar hole
6 × 60
10 × 60
10 × 80
18 × 70
18 × 88
18 × 108
18 × 88 × 2
18 × 108 × 2

No.:LYC185 Name: Bushing

Size of bus-bar hole
8 × 60
8 × 80
10 × 60
10 × 80
18 × 108 × 2

No.:LYC186 Name: Bushing

Size of bus-bar hole
130x78
135x36

No.:LYC187 Name: Bushing

No.:LYC200 Name: Bushing

No.:LYC201 Name: Bushing

Size of bus–bar hole
18 × 68
18 × 88
20 × 110
18 × 135
20 × 110 × 2
18 × 135 × 2
18 × 88 × 3
18 × 88 × 2

No.:LYC202 Name: Bushing

Size of bus–bar hole
18 × 68
18 × 132 × 2
10 × 105
18 × 108 × 2

No.:LYC203 Name: Bushing

Size of bus–bar hole
6 × 60
8 × 80
10 × 80
10 × 100
18 × 88
18 × 108
18 × 88 × 2
18 × 108 × 2

Model No.:LYC145 Name:TG3-12/110x180x190 Bushing

Size of bus –bar hole(A × B)
63 × 10
85 × 15
110 × 18
123 × 13

Model No.:LYC146 Name:TG3-12/110x180x230 Bushing

Size of bus– bar hole(A × B)	
57x11	110x40
63x11	127x18
66x14	128x18
68x18	132x18
80x40	134x18
85x15	136x43
88x18	108x18(dual)
105x13	128x18(dual)
108x18	132x18(dual)

Model No.:LYC147 Name:TG3-12/130x210x235 Bushing

Size of bus– bar hole(A × B)
110 × 45
115 × 45

Model No.:LYC192 Name: Bushing

Model No.:LYC193 Name: Bushing

Size of bus–bar hole
18 × 108
15 × 125

Model No.:LYC194 Name: Bushing

Size of bus–bar hole
60 × 140
30 × 110

Model No.:LYC188 Name: Bushing

Size of bus–bar hole	
5x50	18x135x2
6x60	15x70
8x80	18x88
10x80	10x100x2
10x100	18x88x2
18x108	46x135
18x128	

Model No.:LYC189 Name: Bushing

Size of bus–bar hole
10 × 55
12 × 85
16 × 70
18 × 88
18 × 133
18 × 108
18 × 108 × 2
18 × 135 × 2
60 × 130

Model No.:LYC191 Name: Bushing

Model No.:LYC148 Name:TG3-12/140x175x260 Bushing

Size of bus–bar hole(A × B)
63 × 11
86 × 16
128 × 60
132 × 40
83 × 11
110 × 70
130 × 60
135 × 55
137 × 48

Model No.:LYC149 Name:TG3-12/140x200x270 Bushing

Size of bus–bar hole(A × B)	
50 × 14	108 × 18
53 × 8	110 × 40
63 × 9	123 × 13
85 × 15	85 × 15 (dual)
90 × 18	108 × 18 (dual)
106 × 36	123 × 13 (dual)

Model No.:LYC349 Name: Bushing

Size of bus–bar hole
10 × 65
12 × 85
16 × 108
18 × 90
18 × 130
14 × 88 × 2
14 × 125 × 2
15 × 105 × 2
16 × 87 × 2
22 × 135 × 2

Model No.:LYC350 Name: Bushing

Size of bus–bar hole
12 × 65
12 × 85

Model No.:LYC451 Name: Bushing

No.	L × W
A	270 × 32
B	255 × 60

Model No.:LYC452 Name: Bushing

Model No.:LYC453 Name: Bushing

No.	L × W
A	120 × 10 × 2
B	120 × 10 × 3

Model No.:LYC196 Name: Bushing

Model No.:LYC197 Name: Bushing

Size of bus–bar hole
8 × 80
20 × 90
20 × 110
40 × 110
46 × 138
60 × 110
44 × 130
60 × 130

Model No.:LYC198 Name: Bushing

Size of bus–bar hole
18 × 90
20 × 90
10 × 120
60 × 110
70 × 90

Model No.:LYC199 Name: Bushing

Size of bus–bar hole
15 × 70
18 × 88
18 × 108
18 × 133
18 × 110 × 2
18 × 133 × 2
18 × 128 × 2
18 × 133 × 3

24KV BUSHING SERIES

Model No.:LYC150 Name:TG3-24/162x162x280 Bushing

Size of bus-bar hole(A × B)
66 × 16
86 × 16
88 × 18
86 × 16 (dual)

Model No.:LYC151 Name:TG3-24/190x190x330 Bushing

Size of bus-bar hole(A × B)
70 × 20
88 × 16
135 × 45

Model No.:LYC204 Name: Bushing

Size of bus-bar hole
10 × 60
6 × 60
15 × 70
20 × 70
8 × 80
10 × 80
18 × 108
18 × 88
18 × 108 × 2

Model No.:LYC205 Name: Bushing

Size of bus-bar hole
35 × 130
40 × 110
40 × 120
40 × 130
42 × 125
42 × 135
45 × 130
45 × 120
50 × 130

Model No.:LYC210 Name: Bushing

Size of bus-bar hole
18 × 90
20 × 110
20 × 90 × 2

Model No.:LYC152 Name:TG3-24/175x255x218 Bushing

Model No.:LYC211 Name: Bushing

Size of bus-bar hole
50 × 115

Model No.:LYC213 Name: Bushing

Model No.:LYC454 Name: Bushing

Model No.:LYC455 Name: Bushing

Size of bus-bar hole
18 × 108
18 × 88
18 × 88 × 2

Model No.:LYC456 Name: Bushing

ModelNo.:LYC457 Name: Bushing

No.	L×W
A	70×16
B	85×10
C	90×18×2

ModelNo.:LYC458 Name: Bushing

No.	L×W
A	135×45
B	110×18
C	90×45
D	137×18

Model No.:LYC206 Name: Bushing

Model No.:LYC207 Name: Bushing

Model No.:LYC209 Name: Bushing

Model No.:LYC208 Name: Bushing

40.5KV BUSHING SERIES

Model No.:LYC153 Name:TG3-40.5/AxBx444 Bushing

Outlet dimension（A×B）	268×252.8	250×250	250×250	260×260
Installation size（C×D）	210×190	200×200	210×210	220×220

Model No.:LYC154 Name:TG3-40.5/AxBx550 Bushing

Size of bus-bar hole(AxB)
70x20
70x40
90x20
φ110x20
φ110x40
φ110

Model No.:LYC156 Name:TG3-40.5/AxBx450 Bushing

Model No.:LYC459 Name: Bushing

Model No.:LYC460 Name: Bushing

Model No.:LYC215 Name: Bushing

Model No.:LYC220 Name: Bushing

Model No.:LYC225 Name: Bushing

Model No.:LYC221 Name: Bushing

Model No.:LYC216 Name: Bushing

Model No.:LYC217 Name: Bushing

Model No.:LYC226 Name: Bushing

12KV INSULATOR SENSOR SERIES

Model No.:LYC113 Name:ZJ-12/φ105x135~155 Insulator(Sensor)

Upper hole	Insert quantity	Lower hole	Insert quantity
2–M10/KJ36	2	Single M16	1
2–M10/KJ40	3		
Middle M16/Side KJ50 /2–M10KJ50/2–M10	3		
3–M10/KJ36	1		

Height H
140
145
150
155

Model No.:LYC114 Name:ZJ-12/φ105x135~155 Insulator(Sensor)

Upper hole	Insert quantity	Lower hole	Insert quantity
KJ40 × 48/MiddleM12 Side–M8	5	Single M16	1
KJ40 × 48/4–M8/MiddleKJ32/ Middle M10Side–M12	7		

Height H
140
155

Model No.: LYC115 Name:ZJ-12/φ100x170 Insulator(Sensor)

Upper hole	Insert quantity	Lower hole	Insert quantity
Single M16	1		1
MiddleM10/Side KJ28/2–M8	1		
3–M10/KJ36	3		
Single M16	3		

Height H
160
170

Model No.: LYC116 Name:CG-12/φ82x130~145 Insulator(Sensor)

Upper hole	Insert quantity	Lower hole	Insert quantity
Single M16	1	Single M16	1
Single M20	1	Single M16	1
Single M12	1	Single M16	1
2–M8/KJ36	2		
2–M8/KJ40	2		
2–M8/KJ46	2		
2–M10/KJ36	2		
2–M10/KJ40	2		
2–M10/KJ46	2		

Height H
130
140
145

Model No.:LYC117 Name:CG-12/φ84x125~130 Insulator(Sensor)

Upper hole	Insert quantity	Lower hole	Lower hole
ϕ 40 × 24/ MiddleM10	1	Single M16	1
Side hole distance 28/2–M8	1	Single M12	1

Height H
125
130

Model No.:LYC118 Name:CG-12/φ70x130(140) Insulator(Sensor)

Model No.: LYC121 Name:CG-12/φ75x130 Insulator(Sensor)

Model No.:LYC353 Name: Insulator(Sensor)

Model No.:LYC354 Name: Insulator(Sensor)

Model No.:LYC355 Name: Insulator(Sensor)

24KV INSULATOR SENSOR SERIES

Model No.:LYC129 Name:ZJ-24/φ75x210 Insulator(Sensor)

Model No.:LYC356 Name: Insulator(Sensor)

Model No.:LYC357 Name: Insulator(Sensor)

Model No.:LYC358 Name: Insulator(Sensor)

Model No.:LYC131 Name: Insulator(Sensor)

upper hole	lower hole
2-M10/pitch 36	sigle hole M16
inM12/Edge2-M8/pitch28	
single hole M16	
2-M10/pitch 40	
inM10/Edge2-M8/pitch28	

Height H	Power frequency withstand voltage(kV)	Partial Discharge (pC)	Creep distance (mm)	Bending exercise load(N)
190	68kV/1min	＜3	≥480	10000
200	68kV/1min	＜3	≥480	10000
206	68kV/1min	＜3	≥480	10000
210	68kV/1min	＜3	≥480	10000
215	68kV/1min	＜3	≥480	10000
220	68kV/1min	＜3	≥480	10000
240	68kV/1min	＜3	≥480	10000

Model No.:LYC500 Name:Insulator(Sensor)

Height H	upper hole	lower hole
200	2-M12/pitch 40	①M20
210	M16	②M16
	inM20/Edge2-M10/ pitch40 whirl 45°	③inM16/Edge2-M10/ pitch50 whirl 45°

Height H	Power frequency withstand voltage(kV)	Partial Discharge (pC)	Creep distance (mm)	Bending exercise load(N)
200	68kV/1min	＜3	≥480	10000
210	68kV/1min	＜3	≥480	10000

Model No.:LYC501 Name:Insulator(Sensor)

Height H	Power frequency withstand voltage(kV)	Partial Discharge (pC)	Creep distance (mm)	Bending exercise load(N)	upper hole	lower hole
190	68kV/1min	＜3	≥480	10000	in M12/Edge2-M10/ pitch40 whirl 30°	in M16/Edge2-M10/ pitch50 whirl 30°
210	68kV/1min	＜3	≥480	10000		

40.5KV INSULATOR SENSOR SERIES

Model No.:LYC133 Name:ZJ-40.5/φ155x320~380 Insulator(Sensor)

Upper hole	Insert quantity	Lower hole	Lower hole
3–M10/KJ30	3	Single M16	1
MiddleM12/ SideKJ30/2–M10	1	Single M16	1
MiddleM16/ SideKJ30/2–M10	1		

Height H
320
330
340
350
360
380

Model No.:LYC130 Name: Insulator(Sensor)

Upper hole	Insert quantity	Lower hole	Lower hole
3–M10/KJ30	3	Single M16	1
3–M10/KJ36	3		
3–M12/KJ40	3		
2–M10/KJ40	3		
2–M10/KJ40	3		

Height H
320
330
340
360
365
380

Model No.:LYC135 Name:ZJ-40.5/φ130x340~380 Insulator(Sensor)

Upper hole	Insert quantity	Lower hole	Insert quantity
3–M10/KJ30	1	Single M16	1
3–M10/KJ36	3	2–M12/KJ30	2
2–M12/KJ40	2		

Height H
340
360
380

Model No.:LYC359 Name: Insulator(Sensor)

Model No.:LYC360 Name: Insulator(Sensor)

Model No.:LYC137 Name: Insulator(Sensor)

Upper hole	Insert quantity	Lower hole	Insert quantity
3–M10/KJ30	3	Single M16	1
MiddleM12/SideKJ30/2–M10	1	2–M12/KJ30	2
MiddleM16/SideKJ30/2–M10	1		

Height H
320
330
340
350
360
380

Model No.:LYC138 Name:ZJ-40.5/φ172x360 Insulator(Sensor)

Model No.:LYC502 Name:Insulator(Sensor)

upper hole	lower hole
① 3-M10/pitch 30 ② single hole M16	①sigle hole M16 ②2-M12/pitch 30 (Height H 360 optional)

Height H	Power frequency withstand voltage(kV)	Partial Discharge (pC)	Creep distance (mm)	Bending exercise load(N)
310	95kV/1min	＜3	≥810	10000
320	95kV/1min	＜3	≥810	10000
330	95kV/1min	＜3	≥810	10000
340	95kV/1min	＜3	≥810	10000
350	95kV/1min	＜3	≥810	10000
360	95kV/1min	＜3	≥810	10000
380	95kV/1min	＜3	≥810	10000

Model No.:LYC503 Name:Insulator(Sensor)

upper hole	lower hole
① 3-M10/pitch 30 ② 2-M10/pitch 40	①sigle hole M16/M20 ②2-M12/pitch 30 (Height H 380 optional)

Height H	Power frequency withstand voltage(kV)	Partial Discharge (pC)	Creep distance (mm)	Bending exercise load(N)
320	95kV/1min	＜3	≥810	12000
330	95kV/1min	＜3	≥810	12000
340	95kV/1min	＜3	≥810	12000
350	95kV/1min	＜3	≥810	12000
360	95kV/1min	＜3	≥810	12000
380	95kV/1min	＜3	≥810	12000

Model No.:LYC504 Name:Insulator(Sensor)

Height H	Power frequency withstand voltage(kV)	Partial Discharge (pC)	Creep distance (mm)	Bending exercise load(N)	upper hole	lower hole
320	95kV/1min	＜3	≥810	16000	3-M10/pitch 30	single hole M16
340	95kV/1min	＜3	≥810	16000		
360	95kV/1min	＜3	≥810	16000		
380	95kV/1min	＜3	≥810	16000		
320	95kV/1min	＜3	≥810	16000		2-M10/pitch 50

Model No.:LYC505 Name:Insulator(Sensor)

Height H	Power frequency withstand voltage(kV)	Partial Discharge (pC)	Creep distance (mm)	Bending exercise load(N)	upper hole	lower hole
320	130kV/1min	＜3	≥810	15000	3-M10/pitch 30	single hole M16
340	130kV/1min	＜3	≥810	15000	①3-M10/pitch 30 ②2-M12/pitch 40 ③3-M10/pitch 36	
360	130kV/1min	＜3	≥810	15000		
380	130kV/1min	＜3	≥810	15000		
380	130kV/1min	＜3	≥810	15000		2-M12/pitch 30

Model No.:LYC506 Name:Insulator(Sensor)

Height H	Power frequency withstand voltage(kV)	Partial Discharge (pC)	Creep distance (mm)	Bending exercise load(N)	upper hole	lower hole
400	137kV/1min	＜3	≥810	15000	3-M12/pitch 40	single hole M16/M20
415	137kV/1min	＜3	≥810	15000		
420	137kV/1min	＜3	≥810	15000	2-M12/pitch 40	single hole M16

12KV INSULATOR SERIES

Model No.:LYC101 Name:ZJ-12/φ75x123 Insulator

Model No.:LYC120 Name:ZJ-12/φ75x124 Insulator

Model No.:LYC102 Name:ZJ-12/φ65x130 Insulator

Model No.:LYC290 Name:ZJ-12/φ65x 140 Insulator

Model No.:LYC103 Name:ZJ-12/φ85x140 Insulator

Model No.:LYC289 Name:Insulator

Model No.:LYC292 Name:Insulator

Model No.:LYC293 Name:Insulator

Model No.:LYC294 Name:Insulator

Model No.:LYC295 Name:Insulator

Model No.:LYC296 Name:Insulator

Model No.:LYC316 Name:Insulator

Model No.:LYC322 Name:Insulator

Model No.:LYC132 Name:Insulator

Model No.:LYC323 Name:Insulator

Model No.:LYC324 Name:Insulator

Model No.:LYC325 Name:Insulator

Model No.:LYC326 Name:Insulator

Model No.:LYC327 Name:Insulator

Model No.:LYC328 Name:Insulator

Model No.:LYC329 Name:Insulator

Model No.:LYC297 Name:Insulator

Model No.:LYC298 Name:Insulator

Model No.:LYC299 Name:Insulator

Model No.:LYC301 Name:Insulator

Model No.:LYC302 Name:Insulator

Model No.:LYC304 Name:Insulator

Model No.:LYC305 Name:Insulator

Model No.:LYC306 Name:Insulator

Model No.:LYC307 Name:Insulator

Model No.:LYC308 Name:Insulator

Model No.:LYC309 Name:Insulator

Model No.:LYC310 Name:Insulator

Model No.:LYC311 Name:Insulator

Model No.: LYC312 Name:Insulator

Model No.:LYC313 Name:Insulator

Model No.:LYC314 Name:Insulator

Model No.:LYC317 Name:Insulator

Model No.:LYC318 Name:Insulator

Model No.:LYC125 Name:ZJ-12/φ120x125 Insulator

Model No.: LYC126 Name:ZJ-12/φ100x130 Insulator

Model No.:LYC319 Name:Insulator

Model No.:LYC321 Name:Insulator

Model No.: LYC127 Name:ZJ-12/φ70x130 Insulator

Model No.:LYC107 Name:ZJ-12/φ82x125~145 Insulator(Sensor)

24KV INSULATOR SERIES

Model No.:LYC330 Name:Insulator

Model No.:LYC331 Name:Insulator

Model No.:LYC332 Name:Insulator

Model No.:LYC333 Name:Insulator

Model No.:LYC334 Name:Insulator

40.5KV INSULATOR SERIES

Model No.:LYC335 Name:Insulator

Model No.:LYC336 Name:Insulator

Model No.:LYC337 Name:Insulator

Model No.:LYC338 Name:Insulator

Model No.:LYC339 Name:Insulator

Model No.:LYC340 Name:Insulator

Model No.:LYC341 Name:Insulator

Model No.:LYC342 Name:Insulator

Model No.:LYC343 Name:Insulator

Model No.:LYC344 Name:Insulator

Model No.:LYC347 Name:Insulator

Model No.:LYC348 Name:Insulator