Fuse Cutout Porcelain Type

SJC-1

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power-Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC-1	10-15	100	8	110	40	250	6.8	40.5 × 30.5 × 10.5
		200	10	110	40	250	7.0	

SJC-5

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power-Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC-5	15-27	100	8	125	45	320	8.5	50 × 32 × 11.5
		200	10	125	45	320	8.7	

SJC-9

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power-Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC-9	24-27	100	8	150	65	490/530	10.5	50 × 32.5 × 15.5
		200	10	150	65	490/530	10.7	

SJC-13

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power-Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC-13	33-38	100	6	170	75	660	13/14	59.5 × 32 × 16
		200	8	170	75	660	13.2/14.2	

SJC-13B

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power-Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC-13B	33-38	100	6	180	90	720	13/14	59.5 × 32 × 16
		200	8	180	90	720	13.2/14.2	

Load Breaker Fuse Cutout Porcelain Type

LBSJC-1

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power-Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
LBSJC-1	10-15	100	8	110	40	250	7.3	45 × 34 × 10.5
		200	10	110	40	250	7.5	

LBSJC-5

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power-Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
LBSJC-5	15-27	100	8	125	45	320	9.0	55 × 36 × 11.5
		200	10	125	45	320	9.2	

LBSJC-9

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power-Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
LBSJC-9	24-27	100	8	150	65	490/530	11	55 × 36 × 15.5
		200	10	150	65	490/530	11.2	

LBSJC-13

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power-Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
LBSJC-13	33-38	100	6	170	75	660	13.2/14.2	64 × 38 × 15.3
		200	8	170	75	660	13.5/14.5	

LBSJC-13B

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power-Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
LBSJC-13B	33-38	100	6	180	90	720	13.2/14.2	64 × 38 × 15.3
		200	8	180	90	720	13.5/14.5	

Fuse Cutout Polymer Type

SJC–17

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC–17	12–15	100	8	110	45	350	3.8	41 × 30 × 14.5
		200	8	110	45	350	4.0	

SJC–18

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC–18	24–27	100	6	150	65	540	4.5	48 × 34.5 × 14.5
		200	6	150	65	540	4.7	

SJC–18B

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC–18B	24–27	100	6	150	65	630	4.5	48 × 34.5 × 14.5
		200	6	150	65	630	4.7	

SJC–19

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC–19	33–38	100	6	180	90	720	5	58 × 34.5 × 14.5
		200	6	180	90	720	5.2	

SJC–25

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC–25	33–38	100	6	200	95	1100	5.5	58 × 34.5 × 14.5
		200	6	200	95	1100	5.7	

Fuse Cutout Polymer Type

SJC–17K

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC–17K	12–15	100	8	110	45	350	3.8	41 × 30 × 14.5
		200	8	110	45	350	4.0	

SJC–18K

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC–18K	24–27	100	6	150	65	540	4.5	48 × 34.5 × 14.5
		200	6	150	65	540	4.7	

SJC–18BK

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC–18BK	24–27	100	6	150	65	630	4.5	48 × 34.5 × 14.5
		200	6	150	65	630	4.7	

SJC–19K

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC–19K	33–38	100	6	180	90	720	5	58 × 34.5 × 14.5
		200	6	180	90	720	5.2	

SJC–25K

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC–25K	33–38	100	6	200	95	1100	5.5	58 × 34.5 × 14.5
		200	6	200	95	1100	5.7	

Load Breaker Fuse Cutout Polymer Type

LBSJC–17

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
LBSJC–17	12–15	100	8	110	45	350	3.8	48 × 34.5 × 15
		200	8	110	45	350	4.0	

LBSJC–18

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
LBSJC–18	24–27	100	8	150	65	540	4.5	55.5 × 39 × 14.5
		200	8	150	65	540	4.7	

LBSJC–18B

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
LBSJC–18B	24–27	100	8	150	65	540	4.5	55.5 × 39 × 15.5
		200	8	150	65	540	4.7	

LBSJC–19

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
LBSJC–19	33–38	100	6	180	90	720	6.5	65 × 39 × 14.5
		200	6	180	90	720	6.7	

LBSJC–25

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
LBSJC–25	33–38	100	6	200	95	1100	5.5	65 × 39 × 14.5
		200	6	200	95	1100	5.7	

Fuse Cutout

SJC–75

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC–75	24–27	100	12	180	65	750	4.6	48 × 34.5 × 15
		200	12	180	65	750	4.8	

SJC–113

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC–113	33–36	100	11	200	75	1130	6.0	55.5 × 39 × 14.5
		200	11	200	75	1130	6.2	

SJC–48

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC–48	24–27	100	12	150	65	480	4.5	55.5 × 39 × 14.5
		200	12	150	65	480	4.5	

SJC–36

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC–36	33–38	100	6	180	75	820	27.5	65 × 39 × 14.5
		200	8	180	75	820	27.5	

SJC–33

Model No.	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Impulse Voltage BIL (kV)	Power–Frequency Withstand Voltage (kV)	Leakage Distance (mm)	Weight (kg)	Dimensions (cm)
SJC–33	33–38	100	6	180	75	820	27.5	65 × 39 × 14.5
		200	8	180	75	820	27.5	

Fuse Cutout

SJC-17E

SJC-18E

SJC-19E

SJC-25E

SJC-1E

SJC-5E

SJC-9E

SJC-13E

SJC-3

SJC-7

SJC-11

SJC-15

SJC-4

SJC-8

SJC-12

SJC-16

SJC-21

SJC-22

SJC-23

SJC-24

Fuse Cutout Accessories

SJC-36

Solid Link 1

SJC-36/1

SJC-36/3

SJC-36/5

SJC-36/2

SJC-36/4

SJC-36/6

SJC-37

24kV 242mm

SJC-37/1

SJC-37/3

SJC-37/5

SJC-37/2

SJC-37/4

SJC-37/6

SJC-38

Solid Link 2

SJC-38/1

SJC-38/3

SJC-38/5

SJC-38/2

SJC-38/4

SJC-38/6

SJC-39

36kV 320mm

SJC-39/1

SJC-39/3

SJC-39/5

SJC-39/2

SJC-39/4

SJC-39/6

Fuse Links

Non-Removable Head Expulsion Links-Single Tail

Fig. B. Ta Button Type

Rated Current(A)	Dimension(mm)					Quantity/Carton
	A	B	C	D	F	
1 to 25	12.5 ± 0.2	19.0 ± 0.2	Note 1	2.0	6.5	500
30 to 40	12.5 ± 0.2	19.0 ± 0.2	Note 1	3.0	8.0	500
50 to 100	19.0 ± 0.3	(Not Applicable)	Note 1	5.0	10.0	250
140 to 200	19.0 ± 0.3	(Not Applicable)	Note 1	7.0	12.0	250

Removable Head Expulsion Links-Single Tail

Rated Current(A)	Dimension(mm)					Quantity/Carton
	A	B	C	D	F	
1 to 25	12.5 ± 0.2	19.0 ± 0.2	Note 1	2.0	6.5	500
30 to 40	12.5 ± 0.2	19.0 ± 0.2	Note 1	3.0	8.0	500
50 to 100	19.0 ± 0.3	(Not Applicable)	Note 1	5.0	10.0	250
140 to 200	19.0 ± 0.3	(Not Applicable)	Note 1	7.0	12.0	250

Removable Head Expulsion Links-Double Tail

Fig. B. Ta Button Type

Rated Current(A)	Dimension(mm)					Quantity/Carton
	A	B	C	D	F	
1 to 25	12.5 ± 0.2	19.0 ± 0.2	Note 1	2.0	6.5	500
30 to 40	12.5 ± 0.2	19.0 ± 0.2	Note 1	3.0	8.0	500
50 to 100	19.0 ± 0.3	(Not Applicable)	Note 1	5.0	10.0	250
140 to 200	19.0 ± 0.3	(Not Applicable)	Note 1	7.0	12.0	250

Pole Mounted Fuse Switch Disconnector

APDM-1/160A

Bracket Pole

Model No.		APDM-1/160A	APDM-1/200A
Body/Carrier Material		Polyamide	Polyamide
Rated Operational Current		160 Amps	200Amps
Rated Operating Voltage	In	440 Volts,50 Hz	
Rated Insulation Voltage	Ue	1000 Volts	
Rated Short Time Current	Ui	10 kA Rms For 0.5s With 17 kA Peak	
Cable Size UpTo	Icw	95 sq.mm.	
Fuse Link		"NH" TYPE Size 1 & 2	
Dimensions		210X140X70 mm(Approx.)	
Weight		720Grams(Not Binding, Without Fuse)	

APDM-1/400A

APDM-3/400A

Model No.		APDM-1/400A	APDM-1/630A
Body/Carrier Material		Polyamide	Polyamide
Rated Operational Current		400 Amps	630 Amps
Rated Operating Voltage	In	440 Volts,50 Hz	
Rated Insulation Voltage	Ue	1000 Volts	
Rated Short Time Current	Ui	10 kA Rms For 0.5s With 17 kA Peak	
Cable Size UpTo	Icw	240 sq.mm.	
Fuse Link		"NH" TYPE Size 1 & 2	
Dimensions		351X142X195 mm(Approx.)	
Weight		2.5Kgs(Not Binding, Without Fuse)	

Ready Board & Fuse

NAM-1

Ready Board

Model No.	Socket	MCB (A)	MCCB (A)
NAM-1	15A	63	63

BD-400 SP

Fuse Holder

Model No.	Rated Voltage (V)	Rated Current (A)	Weight (kgs)
BD-400 SP	1000	400	2.0

LCF1 LCF2

Low Voltage Cutout Fuse

Model No.	Matched With Fuse Body	Rated Voltage (V)	Convention Heating Current (A)	Weight (g)
LCF1	22×58	550AC	60/80/100	247
LCF2	30×57	550AC	60/80/100	252

Disconnector Switch

SW1

Disconnector Switch Porcelain Type

Model No.	Rated Voltage (kV)	Rated Current (A)	Limit Passing Current(kA)		10-Second Heat Stabilization Current (kA)
			Peak Value	r.m.s	
SW1-12	12	400	21	15	10
SW1-15	15	600	35	25	14

SW2

Disconnector Switch Polymer Type

Model No.	Rated Voltage (kV)	Rated Current (A)	Limit Passing Current(kA)		10-Second Heat Stabilization Current (kA)
			Peak Value	r.m.s	
SW2-12	12	400	21	15	10
SW2-15	15	600	35	25	14

SJC-50

Disconnector Switch Polymer Type

Model No.	Rated Voltage (kV)	Leakage Distance (mm)	Impulse Withstand Voltage (kV)	Dry power-Frequency Withstand Voltage (kV)	Wet power-Frequency Withstand Voltage (kV)	Tensile Load (kN)	Weight (kg)
SJC-50	24	673	150	68	50	25	5.5
	36	750	170	102	75	25	6.2

GW9

Disconnector Switch Porcelain Type

Model No.	Rated Voltage (kV)	Rated Current (A)	Limit Passing Current (kA)		10-Second Heat Stabilization Current (kA)
			Peak Value	r.m.s	
GW9-10W	10	200/400/600	5	9	5
GW9-12W	12	200/400/600	21	15	10
GW9-15W	15	200/400/600	35	25	14

LVKS-415

Knife Blade Switch Polymer Type

Model No.	Rated Voltage (V)	Rated Current (A)
LVKS-415	415	250

Disconnector Switch GW1

GW1

Bracket

Model No.	A	B	C
GW1-12G/400A	510	555	18×24=4
GW1-12G/630A	530	555	

Polyester Resin Type Insulator

SR2-12KV

Model No.	SR2-12
Rated Voltage(kV)	12
Creepage Distance(mm)	420
Impulse Withstand Voltage(kV)	75
Dry Power Frequency Withstand Voltage(kV)	48
Wet Power Frequency Withstand Voltage(kV)	35
Tensile Strength(kN)	6
Weight(kg)	1.2

SR3-36KV

Model No.	SR3-36
Rated Voltage(kV)	36
Creepage Distance(mm)	137
Impulse Withstand Voltage(kV)	250
Dry Power Frequency Withstand Voltage(kV)	125
Wet Power Frequency Withstand Voltage(kV)	115
Tensile Strength(kN)	6
Weight(kg)	5.6

SR4-12

Model No.	SR4-12
Rated Voltage (kV)	12
Power Frequency Withstand Voltage(kV)	45
Creepage Distance (mm)	340
Weight (kg)	2
Dimension (mm)	100*170

SR5-12

Model No.	SR5-12
Rated Voltage (kV)	12
Power Frequency Withstand Voltage(kV)	45
Creepage Distance (mm)	430
Weight (kg)	1.2
Dimension (mm)	100*208

ZJ1-10Q

Model No.	ZJ1-10Q
Rated Voltage (kV)	12
Power Frequency Withstand Voltage(kV)	45
Creepage Distance (mm)	260
Weight (kg)	0.7
Dimension (mm)	65*140

Polyester Resin Type Insulator

EL-3M

Model.No.	EL-3M
End Diameters (A/B)(mm)	70
Height (H)(mm)	60
Leakage Distance(mm)	88
Rated Voltage(kV)	3.6
Low Frequency Dielectric Strength(kV)	16
Impulse Voltage Resistance(kV)	60
Persistent Bending Strength, 1Min(kg)	400
Tensile Strength(kg)	> 1200
Torque Strength(kg-m)	> 25

EL-6M

Model.No.	EL-6M
End Diameters (A/B)(mm)	70
Height (H)(mm)	90
Leakage Distance(mm)	125
Rated Voltage(kV)	7.2
Low Frequency Dielectric Strength(kV)	22
Impulse Voltage Resistance(kV)	75
Persistent Bending Strength, 1Min(kg)	400
Tensile Strength(kg)	>1200
Torque Strength(kg-m)	> 25

EL-15

Model.No.	EL-15
End Diameters (A/B)(mm)	70
Height (H)(mm)	142
Leakage Distance(mm)	210
Rated Voltage(kV)	15
Low Frequency Dielectric Strength(kV)	50
Impulse Voltage Resistance(kV)	110
Persistent Bending Strength, 1Min(kg)	400
Tensile Strength(kg)	>1500
Torque Strength(kg-m)	>25

EL-24

Model.No.	EL-24
End Diameters (A/B)(mm)	70
Height (H)(mm)	210
Leakage Distance(mm)	356
Rated Voltage(kV)	24
Low Frequency Dielectric Strength(kV)	60
Impulse Voltage Resistance(kV)	125
Persistent Bending Strength, 1Min(kg)	300
Tensile Strength(kg)	>1500
Torque Strength(kg-m)	>25

CG5-10Q

Model No.	CG5/10Q
Rated Voltage (kV)	12
Power Frequency Withstand Voltage.(kV)	45
Creepage Distance (mm)	300
Weight (kg)	1.2
Dimension (mm)	95*140

Epoxy Resin Type Insulator & Bushing

TG3-10Q

Epoxy Resin Wall Bushing

Model No.	TG3-10Q
Rated Voltage (kV)	12
Power Frequency Withstand Voltage(kV)	46
Creepage Distance (mm)	380
Weight (kg)	2.46
Dimension (mm)	110*180

TG3-35Q

Epoxy Resin Wall Bushing

Model No.	TG3-35Q
Rated Voltage (kV)	35
Power Frequency Withstand Voltage(kV)	85
Creepage Distance (mm)	1000
Weight (kg)	15
Dimension (mm)	260*260

CH3-10Q/250

Epoxy Resin Contact Box

Model No.	CH3-10Q/250
Rated Voltage (kV)	12
Power Frequency Withstand Voltage(kV)	85
Creepage Distance (mm)	430
Weight (kg)	5
Dimension (mm)	130*200

CH3-10Q/150

Epoxy Resin Contact Box

Model No.	CH3-10Q/150
Rated Voltage (kV)	12
Power Frequency Withstand Voltage(kV)	45
Creepage Distance (mm)	320
Weight (kg)	2.46
Dimension (mm)	85*280

CG5-35Q

Epoxy Resin Sensor/Sensor Insulator

Model No.	CG5-35Q
Rated Voltage (kV)	35
Power Frequency Withstand Voltage(kV)	85
Creepage Distance (mm)	830
Weight (kg)	5-6.8
Dimension (mm)	145*350

Suspension (Disc) Insulator

Clevis & Tongue

Ball & Socket

Porcelain Suspension Insulator

Fig 1 Fig 2 Fig 3 Fig 4

ANSI Class	Fig No.	Main Dimension (mm)		Creepage Distance (mm)	Combined M & E Strength lb (mm)	Mechanical Impact Strength lm-lb (N-m)	Long-Time Load Test Value lb (kN)	Average Flashover Voltage(kV)				Power Frequency Puncture Voltage (kV)	Radio Influence Voltage	
								Power Frequency		Critical Impulse			Test Voltage To Ground (kV)	MaX.RIV 1MHz(μ V)
		D (Max)	H					Dry	Wet	Positive	Negative			
52-1	1	6 1/2 (165)	5 1/2 (141)	7 (178)	10000 (44)	45 (5.0)	6000 (27)	60	30	100	100	80	7.5	50
52-2	2	8 (203)	5 3/4 (146)	8 1/4 (210)	15000 (67)	50 (5.5)	10000 (44)	65	35	115	115	90	7.5	50
52-3	4	10 3/4 (273)	5 3/4 (146)	11 1/2 (292)	15000 (67)	55 (6.0)	10000 (44)	80	50	125	130	110	10	50
52-4	3	10 3/4 (273)	5 3/4 (146)	11 1/2 (292)	15000 (67)	55 (6.0)	10000 (44)	80	50	125	130	110	10	50
52-5	4	10 3/4 (273)	5 3/4 (146)	11 (279)	25000 (111)	60 (7.0)	15000 (67)	80	50	125	130	110	10	50

Clevis & Tongue

Ball & Socket

Glass Suspension Insulator

Fig 1 Fig 2 Fig 3 Fig 4

Type	LXP-70	LXP-100	LXP-120	LXP-160
Iec Standard Insulator	U70B/146	U100B/146	U120B/146	U160B/170
Minimum Mechanical Failing Load	70kN	100kN	120kN	160kN
High Spacing	146mm	146mm	146mm	170mm
Diameter	255mm	255mm	255mm	280mm
Leakage Distance	320mm	320mm	320mm	400mm
Ball And Socket Soupling	16	16	16	20
Stainless Steel Security Clip	W	W	W	W
Five Pieces Power Frequency Withstand Voltage For Unit	150kV/40kV	150kV/40kV	150kV/40kV	180kV/50kV
Five Pieces Lightning Impulse Withstand Voltage For Unit	420kV/100kV	420kV/100kV	420kV/100kV	450kV/110kV
Power Frequency Puncture Voltage	130kV	130kV	130kV	130kV
Radio Influence Voltage	50μV	50μV	50μV	50μV
Electric Iron Visual Test	18kV/22kV	18kV/22kV	18kV/22kV	18kV/22kV
Impulse Puncture Voltage	2.8p.u	2.8p.u	2.8p.u	2.8p.u
Power Frequency Electric Arc Voltage	0.12s/20kA	0.12s/20kA	0.12s/20kA	0.12s/20kA
Net Weight Per Unit	3.6kg	4.0kg	4.2kg	6.5kg

Line Post Insulator

Vertical Type

Horizontal Type

Vertical & Horizontal Line Post Insulator

Fig.1 Fig.2 Fig.3 Fig.4 Fig.5

Cat.No	12031	12032	12033	12034	12035
ANSI CLASS	1	2	3	4	5
Fig No.	57-31	57-32	57-33	57-34	57-35
Creepage Distance(mm)	256	559	737	1016	1143
Dry Arcing Distance(mm)	165	241	311	368	438
Cantilever Strength(kN)	12.5	12.5	12.5	12.5	12.5
Low Frequency Dry Flashover(kV)	70	100	125	140	160
Low Frequency Wet Flashover(kV)	50	70	95	110	130
Critical Impuse Flashover, Pos(kV)	120	160	200	230	265
Critical Impuse Flashover, Ncg(kV)	155	205	260	340	380
Test Voltage To Ground(kV)	15	22	30	44	44
Maximum RIV At 1000 KHZ (UV) 1000KHz	100	100	200	200	200
Applicable Standard	ANSI C29.7				

With Spindle

Without Spindle

Line Post Insulator

Fig16 Fig17 Fig18 Fig19

ANSI Class	Fig No.	Dimension Of The Pin (mm)	Creepage Distance (mm)	Dry Arcing Distance (mm)	Cantilever Strength (kN)	Low Frequency Flashover Voltage		Critical Imquise Flashover Voltage		Radio Influence Voltage Data		Weight (kg)
						Dry (kV)	Wet (kV)	Postive (kV)	Negative (kV)	Test Voltage To Ground(kV)	MaX.RIV At 1000KH2(μ V)	
57-1	16	M16	356	165	12.5	80	60	130	155	15	100	5
57-2	17	M20 (M16)	559	241	12.5	110	85	180	205	22	100	9.8
57-3	18	M20	737	311	12.5	125	100	210	260	30	200	12
57-4	19	M20	1015	368	12.5	150	125	255	340	44	200	16

Post & Pin Insulator

Without Cap

With Cap

L type

N type

Post Insulator

Model No.	Nominal Voltage (kV)	Overall Length L(mm)	Largest Shed Dia. D(mm)	Number Of Sheds	Nominal Creepage Distance (mm)	Bottom Fixing Diameter d (mm)	Top Fixing Diameter d1 (mm)	Top Groove Radius R (mm)	Cantilever Strength (kN)	Dry Arcing Distance (mm)	Power Frequency Flashover Dry (kV)	Power Frequency Flashover Wet (kV)	Power Frequency Withstand Dry (kV)	Power Frequency Withstand Wet (kV)	Impulse Withstand Voltage (BIL) (kV)	Impulse Flashover Positive (kV)	Impulse Flashover Negative (kV)	Weight (kg)
EP472-03	22	290	152	7	630	M20	73	20	4	290	124	84	121	76	183	187	362	7.1
EP480-00	33	373	170	7	786	M20	73	25	4	320	127	74	131	87	205	209	346	10.5
EP800-00	11	212	167	3	388	M20	73	20	10	210	81	46	72	41	128	134	213	5
EP1046-00	33	364	180	10	900	M20	73	20	6	189	161	123	146	85	230	238	410	15

Pin Insulator

Model No.	Fig No.	Main Dimension(mm)							Creepage Distance (mm)	Cantilever Strength (kN)	Withstand Voltage		Power Frequency Puncture Voltage (kV)	Radio Influence Voltage		Used Spindle
		D	H	d1	h	R1	R2	d			One Minute Wet Power Frequency Withstand Voltage(kV)	Dry Impulse Withstand Voltage(peak) (kV)		Test Voltage To Ground (kV)	Max.RIV At 1 MHz (μV)	
p-11-y	1	140	133	18.29	48	13	9.5		240	10.6	45	80	135	15	8000/100	Small Steel Head
p-15-y	1	152	137	18.29	48	13	12.7		298	11	50	95	150	15	8000/100	
p-22-y	2	230	165	27.78	52.63	19	14.3		432	11	70	125	200	22	12000/100	Large Steel Head
p-33-y	3	279	244	27.78	52.63	19	13		630	13.8	90	170	210	30	16000/100	
p_W-15-y	4	170	185		52.63	16	16	76	432	11	50	95	150	22	12000/100	
p_W-22-y	5	205	255		52.63	16	16	76	673	11	70	125	200	30	16000/100	
p_W-33-y	5	240	320		52.63	16	16	76	851	11	90	170	210	44	25000/100	

Pin Insulator & Spindle

56-2

56-3

Spindle

Pin Insulator

Model No.	Fig No.	Main Dimension(mm)							Creepage Distance (mm)	Min.Pin Length In (mm)	Cantilever Strength (kN)	Flashover Voltage				Power Frequency Puncture Voltage (kV)	Radio Influence Voltage	
												Power Frequency		Impulse			Test Voltage To Ground (kV)	Max.RIV At 1 MHz (μV)
		D	H	d1	h	R1	R2	d				Dry (kV)	Wet (kV)	Positive (kV)	Negative (kV)			
56-1	19	7 1/2 (191)	5 3/4 (146)	3 1/2 (89)	1 3/8 (35)	2 (51)	3/4 (19)	9/16 (14)	13 (330)	6 (152)	2500 (11)	95	60	150	190	130	15	100
56-2	19	9 (229)	6 1/2 (165)	4 (102)	1 3/8 (35)	2 (51)	3/4 (19)	9/16 (14)	17 (432)	7 (178)	3000 (13.2)	110	70	175	225	145	22	100
56-3	20	10 1/2 (267)	7 1/2 (191)	4 (102)	1 3/8 (35)	2 (51)	3/4 (19)	9/16 (14)	21 (533)	8 (203)	3000 (13.2)	125	80	200	265	165	30	200
56-4	20	12 (305)	9 1/2 (241)		1 3/8 (35)	2 (51)	3/4 (19)	9/16 (14)	27 (685)	10 (254)	3000 (13.2)	140	95	225	310	185	30	200
56-5	21	13 1/2 (343)	12 1/2 (318)		1 3/8 (35)	2 (51)	3/4 (19)	9/16 (14)	34 (864)	12 (305)	3000 (13.2)	175	125	270	340	225	44	200

Spindle for Pin Insulator

Model No.	Fig No.	Main Dimension(mm)							Mechanical Strength (kN)	Class ANSI	Weight (kg)
		H	D	h	h1	h2	a	d1			
C110M	1	331	76	178	51	76	34.9	20	1132	56-1	1.9
C111M	1	356	76	178	51	76	34.9	20	998	56-2	2.2
C112M	1	407	89	178	51	76	34.9	20	1080	56-3	2.5
C113M	1	432	89	178	51	76	34.9	20	953	56-4	3.25
C114M	1	343	45	165	51	76	34.9	20	680	56-2	1.6
C115J	2	198	76	45	51	40	34.9	20	1132	56-1	1.54
C116T	2	223	76	45	51	40	34.9	20	998	56-2	1.87
C117T	2	274	89	45	51	40	34.9	20	1089	56-3	2.17
C118T	2	299	89	45	51	40	34.9	20	952	56-4	2.7
C119T	2	223	45	45	51	40	34.9	20	680	56-2	1.3
C120M	1	356	76	76	51	70	34.9	16	540	56-2	1.9

Zinc Screw Thread Insulators Zinc Sleeves Connector Need To Follow The Ansi Zinc Crew Thread (ANSI C29.6-1969.1 $\frac{3}{8}$")

Pin & Stay Insulator

Brown

Gray

54-1 54-3

54-4

Pin Insulator

Fig 16 Fig 17 Fig 18

ANSI Class	Fig No.	Main Dimension(mm) D	H	h	Creepage Distance In (mm)	Min.Pin Length In (mm)	Cantilever Strength Lb (kN)	Flashover Voltage: Power Frequency Dry (kV)	Power Frequency Wet (kV)	Impulse Positive (kV)	Impulse Negative (kV)	Power Frequency Puncture Voltage (kV)	Radio Influence Voltage: Test Voltage To Ground (kV)	Max.RIV At 1 MHz (μV)
55-1	16	3 1/4 (83)	3 1/2 (89)	1 3/4 (44)	4 (102)	4 (102)	3000 (13)	35	20	50	70	50	5	2500/50
55-2	17	3 3/4 (95)	3 1/4 (83)	1 1/2 (38)	5 (127)	4 (102)	2500 (11)	50/45	25	75/70	95/85	70	5	2500/50
55-3	18	4 3/4 (121)	3 3/4 (95)	1 1/2 (38)	7 (178)	5 (127)	2500 (11)	65/55	35/30	100/90	130/110	90	10	5500/50
55-4	18	5 1/2 (140)	4 3/8 (111)	1 3/4 (44)	9 (229)	5 (127)	3000 (13)	70/65	40/35	110/105	140/130	95	10	5500/50
55-5	18	7 (178)	4 7/8 (124)	2 (51)	12 (305)	6 (152)	3000 (13)	85/80	45	140/130	170/150	115	15	8000/100

Stay Insulator

Fig 1 Fig 2

Cat.No.		10521	10522	10523	10524	10525	10526
Fig No.		1	2	1	1	1	2
Class ANSI		J-4.5	J-9	54-1	54-2	54-3	54-4
Main Dimensions (mm)	H	90	172	88	108	140	171
	h1	60	110	64	76	103	114
	D	64	80	64	73	86	89
	d	45	60	44	54	60	60
	d1	14	25	16	22	25	25
	h	42	72	44	57	79	69
Mechanical Strength (kN)		42	90	44	53	89	89
Leakage Distance (mm)		/	/	41	47	57	76
Flashover Voltage	Dry(kV)	/	/	25	30	35	40
	Wet(kV)	/	/	12	15	18	23
Weight(kg)		0.40	2	0.43	0.63	1.2	2

Shackle & Spool Insulator

ED-2(B)

D-Iron

1617

53-2

Shackle Insulator

Fig 1 Fig 2

Cat.No.			10508	10509	10510	10511	10512	10513
Fig No.			2	1	1	1	1	1
Class BS			ED-2(C)	ED-2(B)	ED-2(B)	ED-1	ED-2	ED-3
Main Dimension (mm)		H	80	76	76	90	75	65
		D	80	89	89	100	80	70
		d	50	48	48	50	42	36
		d1	22	21	17.5	22	20	16
		R	6	10	10	12	10	8
Failing Load			13	12	12	12	10	8
Minimum Flashover Voltage	Power Frequency	Dry(kV)	25	25	25	22	18	16
		Wet(kV)	15	12	12	10	9	7
Weight(kg)			0.5	0.5	0.5	0.8	0.6	0.5

Spool Insulator

Fig 1 Fig 2 Fig 3 Fig 4

Cat.No.		10506	10507	10501	10502	10503	10504	10505
Fig No.		1	1	2	3	2	2	4
Type		1617	1618	53-1	53-2	53-3	53-4	53-5
Mechanical Strength(kN)		9	13	9	13	18	20	27
Low Frequency Dry Flashover Voltage(kV)		20	20	20	25	25	25	35
Low Frequency Wet Flashover Voltage	Vertical (kV)	1	1	8	12	12	12	18
	Horizontal (kV)	9	10	10	15	15	15	25
Dimension (mm)	H	65	75	54	76	81	76	105
	D	76	89	57	79	76	105	102
	d	46	55	44	44	44	73	73
	d1	17.6	17	17.5	17.5	17.5	17.5	17.5
	R	9	12.5	11	17.5	11	16	11
Net Weight, Each, Approx,(kg)		0.4	0.6	0.2	0.5	0.6	1.05	1.2

S9-M 11kV

S9-M6~12kV Series
Oil Immersed Distribution Transformer Without Tank

Rated Capacity	Voltage Combination			Connection Symbol	Loss (kW)		No-Load Current(%)
	H.V (kV)	High Voltage Tapping Range	L.V (kV)		Load	No-Load	
25	6 6.3 6.6 10 10.5 11 12	±2×2.5% ±5%	0.4 0.415	Yyno Dyn11	0.910	0.148	2.3
50					1.350	0.195	2.0
63					1.480	0.220	1.9
80					1.880	0.290	1.9
100					2.150	0.320	1.8
125					2.450	0.412	1.7
160					2.850	0.510	1.6
200					3.250	0.600	1.5
250					3.958	0.650	1.4
315					4.450	0.780	1.4
400					5.582	0.930	1.3
500					6.550	1.125	1.2
630					7.840	1.300	1.1
800					8.990	1.610	1.1
1000					10.800	1.955	1.0
1250					14.900	2.242	1.0
1600					17.300	2.760	0.8
2000					20.125	2.980	0.7

S9 11kV

S9-6~12kV Series
Oil Immersed Distribution Transformer With Tank

Rated Capacity	Voltage Combination			Connection Symbol	Loss (kW)		No-Load Current(%)
	H.V (kV)	High Voltage Tapping Range	L.V (kV)		Load	No-Load	
10	6 6.3 6.6 10 10.5 11 12	±2×2.5% ±5%	0.4 0.415	Yyno Dyn11	0.374	0.098	3.2
20					0.612	0.110	3.0
25					0.910	0.148	2.3
50					1.350	0.195	2.0
63					1.480	0.220	1.9
80					1.880	0.290	1.9
100					2.150	0.320	1.8
125					2.450	0.412	1.7
160					2.850	0.510	1.6
200					3.250	0.600	1.5
250					3.958	0.650	1.4
315					4.450	0.780	1.4
400					5.582	0.930	1.3
500					6.550	1.125	1.2
630					7.840	1.300	1.1
800					8.990	1.610	1.1
1000					10.800	1.955	1.0
1250					14.900	2.242	1.0
1600					17.300	2.760	0.8
2000					20.125	2.980	0.7

S9-M 33kV

S9-M33kV Series
Oil Immersed Distribution Transformer Without Tank

Rated Capacity	Voltage Combination			Connection Symbol	Loss (kW)		No-Load Current(%)
	H.V (kV)	High Voltage Tapping Range	L.V (kV)		Load	No-Load	
25	33	±2×2.5% ±5%	0.4 0.415	D.yn11 Yyno	0.210	1.120	2.10
50					0.230	1.450	2.00
100					0.380	2.350	1.80
125					0.525	2.930	1.70
160					0.600	3.300	1.60
200					0.700	3.900	1.50
250					0.780	4.250	1.40
315					0.890	5.350	1.40
400					1.120	6.200	1.30
500					1.247	7.490	1.20
630					1.508	8.780	1.10
800					1.785	11.200	1.00
1000					2.088	13.230	1.00
1250					2.552	17.120	0.90
1600					3.074	19.350	0.80

S9 33kV

S9-33kV Series
Oil Immersed Distribution Transformer With Tank

Rated Capacity	Voltage Combination			Connection Symbol	Loss (kW)		No-Load Current(%)
	H.V (kV)	High Voltage Tapping Range	L.V (kV)		Load	No-Load	
25	33	±2×2.5% ±5%	0.4 0.415	D.yn11 Yyno	0.210	1.120	2.10
50					0.230	1.450	2.00
100					0.380	2.350	1.80
125					0.525	2.930	1.70
160					0.600	3.300	1.60
200					0.700	3.900	1.50
250					0.780	4.250	1.40
315					0.890	5.350	1.40
400					1.120	6.200	1.30
500					1.247	7.490	1.20
630					1.508	8.780	1.10
800					1.785	11.200	1.00
1000					2.088	13.230	1.00
1250					2.552	17.120	0.90
1600					3.074	19.350	0.80

Guy Grip Dead End For Galvanised Steel Stay Wire

Model No.	Stay Wire			Color code
JGSDE 284	Stay Wire Strand	3 × 3.35mm		●
JGSDE 312	Stay Wire Strand	7 × 2.65mm		●
JGSDE 345	Stay Wire Strand	3 × 4.00mm		●
JGSDE 396	Stay Wire Strand	7 × 3.35mm		●
JGSDE 432	Stay Wire Strand	5 × 4.00mm		●
JGSDE 472	Stay Wire Strand	7 × 4.00mm		●
JGSDE 520	Stay Wire Strand	19 × 2.65mm		●

Be Used For Steel Cable, Strand On Pole

Pole Top Make–Off For Galvanised Steel Stay Wire

Model No.	Stay Wire			Color Code
JPT 284	Stay Wire Strand	3 × 3.35		●
JPT 312	Stay Wire Strand	7 × 2.65		●
JPT 345	Stay Wire Strand	3 × 4.00		●
JPT 396	Stay Wire Strand	7 × 3.35		●
JPT 432	Stay Wire Strand	5 × 4.00		●
JPT 472	Stay Wire Strand	7 × 4.00		●
JPT 520	Stay Wire Strand	19 × 2.65		●

Galvanized Steel Stay Wire

Model No.	Stay Wire			
JLSW 3 × 3.35	Stay Wire	1100MPA	3 Strands of 3.35mm	Weight 0.2073 Kg/Mtr
JLSW 3 × 4.00	Stay Wire	1100MPA	3 Strands of 4.00mm	Weight 0.3039 Kg/Mtr
JLSW 5 × 4.06	Stay Wire	1100MPA	5 Strands of 4.06mm	Weight 0.5065 Kg/Mtr
JLSW 7 × 2.65	Stay Wire	1100MPA	7 Strands of 2.65mm	Weight 0.3073 Kg/Mtr
JLSW 7 × 3.35	Stay Wire	1100MPA	7 Strands of 3.35mm	Weight 0.4837 Kg/Mtr
JLSW 7 × 4.00	Stay Wire	1100MPA	7 Strands of 4.00mm	Weight 0.7091 Kg/Mtr

Dead Ends For Aluminium Based Conductors

Model No.		Color Code
JDGDE 250	Magpie Dead End	●
JADE 249	Squirre/Acacia Dead End	●
JADE 280	Gopher Dead End	●
JADE 330	Fox/"35" Dead End	●
JADE 354	Fir/Ferret Dead End	●
JADE 396	Rabbit/Hazel Dead End	●
JADE 432	Mink/Pine Dead End	●
JADE 558	Hare/Oak Dead End	●
JADE 625	Mulberry Dead End	●
JADE 714	Wolf Dead End	○

Wraplock Ties For Aluminium Based Conductors

Model No.		Color Code
JAWT 250	Magpie Wraplock Tie	●
JAWT 249	Squirrel/Acacia Wraplock Tie	●
JAWT 280	Gopher Wraplock Tie	●
JAWT 330	Fox/"35" Wraplock Tie	●
JAWT 354	Fir/Ferret Wraplock Tie	●
JAWT 396	Rabbit/Hazel Wraplock Tie	●
JAWT 432	Mink/Pine Wraplock Tie	●
JAWT 558	Hare/Oak Wraplock Tie	●
JAWT 625	Mulberry Wraplock Tie	●
JAWT 714	Wolf Wraplock Tie	○

Side Ties For Aluminium Based Conductors

Model No.		Color Code
GSST 250	Magpie Side Tie	●
GSST 249	Squirrel/Acacia Side Tie	●
GSST 280	Gopher Side Tie	●
GSST 330	Fox/"35" Side Tie	●
GSST 354	Fir/Ferret Side Tie	●
GSST 396	Rabbit/Hazel Side Tie	●
GSST 432	Mink/Pine Side Tie	●
GSST 558	Hare/Oak Side Tie	●
GSST 625	Mulberry Side Tie	●
GSST 714	Wolf Side Tie	○

Twin Ties For Aluminium Based Conductor

Model No.	Descrition	Color code
J-ATT 280	Gopher Twin Ties	●
J-ATT 330	Fox Twin Ties	●
J-ATT 432	Mink Twin Ties	●
J-ATT 558	Hare Twin Ties	●

Suspension Clamp For OPGW

Model No.	Dia.Range(mm)		Loop Dia(mm)	Length(mm)	Color code
DDWGAC 032-033	3.02-3.38	1/8"	140	1070	●
DDWGAC 045-049	4.58-4.94	3/16"	140	1070	●
DDWGAC 054-057	5.40-5.75		140	1100	●
DDWGAC 062-066	6.20-6.60	1/4"	140	1100	●
DDWGAC 076-079	7.65-7.95	5/16"	140	1100	●
DDWGAC 089-093	8.93-9.30		140	1150	●
DDWGAC 093-097	9.35-9.71	3/8"	140	1200	●
DDWGAC 097-100	9.72-10.07		140	1200	●
DDWGAC 108-112	10.82-11.29	7/16"	140	1260	●
DDWGAC 117-121	11.70-12.10		140	1260	●
DDWGAC 125-131	12.50-13.10	1/2"	140	1335	●
DDWGAC 139-146	13.91-14.60	9/16"	140	1464	●

Suspension Clamp For OPGW

Model No.	Universal Scheme		Available Dia. Of Cable (mm)	Length(mm)	Available Span (m)
	AGS Clamp	Clevis			
AXQ1110	XGT-02-111	GHX-04	9.0-11.1	0	100
AXQ1330	XGT-02-133	GHX-04	11.2-13.3	0	100
AXQ1550	XGT-02-155	GHX-04	13.4-15.5	0	100
AXD1010	XGT-02-197	GHX-04	9.7-10.1	800	200
AXD1060	XGT-02-197	GHX-04	10.2-10.6	800	200
AXD1110	XGT-02-197	GHX-04	10.7-11.1	800	200
AXD1160	XGT-02-219	GHX-04	11.2-11.6	800	200
AXD1170	XGT-02-219	GHX-04	11.7-11.7	800	200
AXD1200	XGT-02-219	GHX-04	11.8-12.0	860	200
AXD1270	XGT-02-219	GHX-04	12.1-12.7	860	200
AXD1290	XGT-02-219	GHX-04	12.8-12.9	900	200
AXD1360	XGT-02-219	GHX-04	13.0-13.6	900	200

Earth Rods

T/M12 T/M16 T/M20

Clamp ERC-1 Clamp ERC-2

ERA-1 ERA-2

M12 M16 M20

Earth Rods Thread Type

Model No.	Length		Rod Dia. (mm)	Thread Size	
	ft.	mm		in	mm
STER 1112	4'	1200	11	1/2"	12.5
STER 1115	5'	1500	11	1/2"	12.5
STER 1118	6'	1800	11	1/2"	12.5
STER 1212	4'	1200	12.5	9/16"	14.2
STER 1215	5'	1500	12.5	9/16"	14.2
STER 1218	6'	1800	12.5	9/16"	14.2
STER 1412	4'	1200	14.2	5/8"	15.8
STER 1415	5'	1500	14.2	5/8"	15.8
STER 1418	6'	1800	14.2	5/8"	15.8
STER 1424	8'	2400	14.2	5/8"	15.8
STER 1430	10'	3000	14.2	5/8"	15.8
STER 1712	4'	1200	17.2	3/4"	19.0
STER 1715	5'	1500	17.2	3/4"	19.0
STER 1718	6'	1800	17.2	3/4"	19.0
STER 1724	8'	2400	17.2	3/4"	19.0
STER 1730	10'	3000	17.2	3/4"	19.0

Earth Rods Flat & Sharp Type

Model No.	Length		Rod Dia. (mm)
	ft.	mm	
SSER 1112	4'	1200	11
SSER 1115	5'	1500	11
SSER 1118	6'	1800	11
SSER 1212	4'	1200	12.5
SSER 1215	5'	1500	12.5
SSER 1218	6'	1800	12.5
SSER 1412	4'	1200	14.2
SSER 1415	5'	1500	14.2
SSER 1418	6'	1800	14.2
SSER 1424	8'	2400	14.2
SSER 1430	10'	3000	14.2
SSER 1712	4'	1200	17.2
SSER 1715	5'	1500	17.2
SSER 1718	6'	1800	17.2
SSER 1724	8'	2400	17.2
SSER 1730	10'	3000	17.2

Aluminium–Copper Lugs

DIN

Aluminium Compression Ferrules

Model No.	Conductor Size(mm²)	Overall Length	Weight (kg)
DIN–50	50	106	0.080
DIN–70	70	106	0.070
DIN–95	95	106	0.060
DIN–120	120	133	0.135
DIN–150	150	133	0.110
DIN–185	185	143	0.220
DIN–240	240	143	0.210
DIN–300	300	218	0.460

DTL–1

Aluminium–Copper Lugs

Model No.	Conductor Size (mm²)	Φ	Overall Length (mm)
DTL–1–25	25	8.5	75
DTL–1–35	35	10.5	85
DTL–1–50	50	10.5	90
DTL–1–70	70	12.5	102
DTL–1–95	95	12.5	112
DTL–1–120	120	14.5	120
DTL–1–150	150	14.5	126
DTL–1–185	185	16.5	133
DTL–1–240	240	16.5	140
DTL–1–300	300	21	160

GTL

Aluminium–Copper Pin Connector

Model No.	Conductor Size(mm²)	CU Pin Diameter(mm)	AL Pin Diameter(mm)	Overall Length (mm)
GTL–16	16	9	30	70
GTL–25	25	10	33	75
GTL–35	35	11	40	85
GTL–50	50	13	42	95
GTL–70	70	15	50	105
GTL–95	95	17	50	110
GTL–120	120	19	55	112
GTL–150	150	21	55	118
GTL–185	185	23	60	125
GTL–240	240	26	60	130

DTL–2

Aluminium–Copper Lug

Model No.	Conductor Size(mm²)	Palm Hoe Diameter (mm)	Overall Length (mm)	Weight (kg)
DTL–2–25	25	10.3	62	0.050
DTL–2–35	35	12.8	84	0.050
DTL–2–50	50	12.8	84	0.075
DTL–2–70	70	12.8	84	0.075
DTL–2–95	95	12.8	84	0.075
DTL–2–120	120	12.8	110	0.147
DTL–2–150	150	12.8	110	0.135
DTL–2–185	185	12.8	110	0.220
DTL–2–240	240	12.8	110	0.200
DTL–2–300	300	16.5	139	0.300

Insulation Piercing Connectors (IPC)

SC281

IPC 1 Bolt

Model No.	Main Line (mm²)	Branch Line (mm²)	Nominal Current (A)	Bolt Number	Height (mm)	Piercing Depth (mm)	Size (mm)
SC041	6~35	1.5~10	77	1×M8	13	≥2.0	40×35×70
SC101	6~50	2.5~35	180	1×M8	13	≥2.5	53×45×80
SC121	25~95	2.5~25	180	1×M8	13	≥2.5	53×45×80
SC151	25~95	2.5~35	200	1×M8	13	≥2.5	53×45×80
SC201	25~95	25~95	377	1×M8	13	≥3.0	60×52×85
SC281	50~185	(2.5)6~35	200	1×M8	13	≥3.0	53×50×90

SC551

IPC 2 Bolt

Model No.	Main Line (mm²)	Branch Line (mm²)	Nominal Current (A)	Bolt Number	Height (mm)	Piercing Depth (mm)	Size (mm)
SC185	70~185	70~185	500	2×M8	13	≥3.5	100×70×90
SC240	95~240	95~240	530	2×M10	17	≥3.5	115×120×90
SC551	120~400	95~240	679	2×M10	17	≥3.5	115×120×90

SC2

IPC 1 Bolt

Model No.	Main Line (mm²)	Branch Line (mm²)	Nominal Current (A)	Bolt Number	Height (mm)	Piercing Depth (mm)	Size (mm)
SC2/95	16~95	4~35	180	1×M8	13	≥2.5	46×52×87
SC2/150	50~150	6~35	180	1×M8	13	≥2.5	46×52×87

SC4

IPC 1 Bolt

Model No.	Main Line (mm²)	Branch Line (mm²)	Nominal Current (A)	Bolt Number	Height (mm)	Piercing Depth (mm)	Size (mm)
SC4/150	50~150	50~150	239	1×M8	13	≥3.0	52×61×100

SC6

IPC 1 Bolt

Model No.	Main Line (mm²)	Branch Line (mm²)	Nominal Current (A)	Bolt Number	Height (mm)	Piercing Depth (mm)	Size (mm)
SC6	120~240	25~120	239	1×M10	17	≥3.0	52×68×100