



70kN DTR Polymer Deadend Strains



15kV



25kV



35kV



Tongue



Clevis

DTR POLYMERIC 'DEADEND' STRAIN INSULATORS

| Part Number | Description | Brand | Origin | Volts | kN | End Fittings | Creepage | Colour | Standard | Weight | Box/Pallet | Drawing |
|---------------------------|------------------------------------|-------|--------|-------|----|-----------------|----------|--------|-----------|--------|------------|---------------|
| 15kV Rated Voltage | | | | | | | | | | | | |
| 553018 | DTR 15kV Polymer Deadend Insulator | DTR | Korea | 15kV | 70 | Tongue & Clevis | 459 | Grey | IEC 61109 | 1.0kg | 10/640 | ISA7-0459-AGH |
| 25kV Rated Voltage | | | | | | | | | | | | |
| 553026 | DTR 25kV Polymer Deadend Insulator | DTR | Korea | 25kV | 70 | Tongue & Clevis | 693 | Grey | IEC 61109 | 1.2kg | 10/540 | ISB7-0693-AGH |
| 35kV Rated Voltage | | | | | | | | | | | | |
| 553034 | DTR 35kV Polymer Deadend Insulator | DTR | Korea | 35kV | 70 | Tongue & Clevis | 927 | Grey | IEC 61109 | 1.3kg | 10/540 | ISC7-0927-AGH |



15kV Vertical Clamp Line Post (553093)



Vertical Clamp



Horizontal Gain Base



Cap

DTR POLYMER LINE POST INSULATORS FOR 11kV

| Part Number | Description | Brand | Origin | Volts | kN | Creep | Line Fitting | Colour | Standard | Weight | Box/Pallet | Drawing |
|---------------------------------------|--------------------------------|-------|--------|-------|------|-------|--------------|--------|-----------|--------|------------|---------------|
| Vertical Line Posts for 11kV | | | | | | | | | | | | |
| 553093 | DTR 15kV Vertical Line Post | DTR | Korea | 15kV | 12.5 | 312 | Vert Clamp | Grey | IEC 61952 | 4.4kg | 6/120 | DTR-LPV-15SK |
| 553239 | DTR 15kV Vertical Line Post | DTR | Korea | 15kV | 12.5 | 312 | Tie Top | Grey | IEC 61952 | 4.0kg | 6/120 | DTR-LPCN-15SK |
| Horizontal Line Posts for 11kV | | | | | | | | | | | | |
| 553107 | DTR 15kV Horizontal Line Post | DTR | Korea | 15kV | 12.5 | 312 | Hor Clamp | Grey | IEC 61952 | 4.3kg | 6/120 | DTR-LPH-15SK |
| Line Post Base Fittings | | | | | | | | | | | | |
| 553174 | DTR Vertical 300mm Gain Base | DTR | Korea | | | | | | IEC 61952 | 4.5kg | 6/60 | DTR-GBV |
| 553182 | DTR Horizontal 300mm Gain Base | DTR | Korea | | | | | | IEC 61952 | 3.3kg | 6/60 | DTR-GBH |



DTR POLYMER LINE POST INSULATORS FOR 22kV

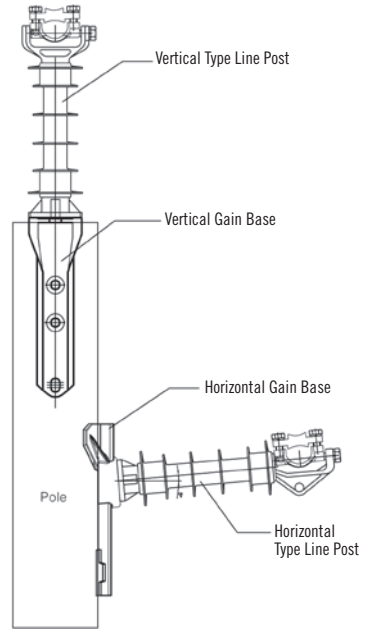
| Part Number | Description | Brand | Origin | Volts | kN | Creep | Line Fitting | Colour | Standard | Weight | Box/Pallet | Drawing |
|---------------------------------------|--------------------------------|-------|--------|-------|------|-------|--------------|--------|-----------|--------|------------|---------------|
| Vertical Line Posts for 22kV | | | | | | | | | | | | |
| 553115 | DTR 28kV Vertical Line Post | DTR | Korea | 28kV | 12.5 | 506 | Vert Clamp | Grey | IEC 61952 | 4.7kg | 6/120 | DTR-LPV-25SK |
| 553247 | DTR 28kV Vertical Line Post | DTR | Korea | 28kV | 12.5 | 506 | Tie Top | Grey | IEC 61952 | 4.1kg | 6/120 | DTR-LPFN-25SK |
| Horizontal Line Posts for 22kV | | | | | | | | | | | | |
| 553123 | DTR 28kV Horizontal Line Post | DTR | Korea | 28kV | 12.5 | 506 | Hor Clamp | Grey | IEC 61952 | 4.3kg | 6/120 | DTR-LPH-25SK |
| Line Post Base Fittings | | | | | | | | | | | | |
| 553174 | DTR Vertical 300mm Gain Base | DTR | Korea | | | | | | IEC 61952 | 4.5kg | 6/60 | DTR-GBV |
| 553182 | DTR Horizontal 300mm Gain Base | DTR | Korea | | | | | | IEC 61952 | 3.3kg | 6/60 | DTR-GBH |



35kV Horizontal Clamp Line Post



35kV Tie Top Line Post



DTR POLYMER LINE POST INSULATORS FOR 33kV & 66kV

| Part Number | Description | Brand | Origin | Volts | kN | Creep | Line Fitting | Colour | Standard | Weight | Box/Pallet | Drawing |
|---------------------------------------|--------------------------------|-------|--------|-------|------|-------|--------------|--------|-----------|--------|------------|---------------|
| Vertical Line Posts for 33kV | | | | | | | | | | | | |
| 553131 | DTR 35kV Vertical Line Post | DTR | Korea | 35kV | 12.5 | 602 | Vert Clamp | Grey | IEC 61952 | 4.9kg | 6/120 | DTR-LPV-35SK |
| 553255 | DTR 35kV Vertical Line Post | DTR | Korea | 35kV | 12.5 | 602 | Tie Top | Grey | IEC 61952 | 4.3kg | 6/120 | DTR-LPFN-35SK |
| Horizontal Line Posts for 33kV | | | | | | | | | | | | |
| 553158 | DTR 35kV Horizontal Line Post | DTR | Korea | 35kV | 12.5 | 602 | Hor Clamp | Grey | IEC 61952 | 4.9kg | 6/120 | DTR-LPH-35SK |
| Vertical Line Posts for 66kV | | | | | | | | | | | | |
| 553166 | DTR 69kV Vertical Line Post | DTR | Korea | 69kV | 11.0 | 1387 | Tie Top | Grey | IEC 61952 | 7.5kg | 1/60 | DTR-LPFN-69SK |
| Line Post Base Fittings | | | | | | | | | | | | |
| 553174 | DTR Vertical 300mm Gain Base | DTR | Korea | | | | | | IEC 61952 | 4.5kg | 6/60 | DTR-GBV |
| 553182 | DTR Horizontal 300mm Gain Base | DTR | Korea | | | | | | IEC 61952 | 3.3kg | 6/60 | DTR-GBH |



12kV Class 1 (553042)



Bracket



Top Fitting



12kV with 100mm Top Fitting (553077)



Base Fitting

DTR POLYMER 12kV & 18kV SURGE ARRESTERS

| Part Number | Description | Brand | Origin | Volts | Amps | Class | Top Fitting | Bracket | Colour | Standard | Weight | Box | Pallet | Drawing |
|---------------------------|--------------------------------------|-------|--------|-------|------|-------|-------------|---------|--------|-------------|--------|-----|--------|------------|
| 12kV Rated Voltage | | | | | | | | | | | | | | |
| 553042 | DTR 12kV 10kA Class 1 Surge Arrester | DTR | Korea | 12kV | 10kA | 1 | 32mm | Nema | Grey | IEC 60099-4 | 3.7kg | 3 | 168 | CA12/10.1D |
| 553204 | DTR 12kV 10kA Class 2 Surge Arrester | DTR | Korea | 12kV | 10kA | 2 | 32mm | Nema | Grey | IEC 60099-4 | 4.2kg | 3 | 168 | CA12/10.2D |
| 553077 | DTR 12kV 10kA Class 1 Surge Arrester | DTR | Korea | 12kV | 10kA | 1 | 100mm | Nema | Grey | IEC 60099-4 | 3.7kg | 3 | 168 | CA12/10.HD |
| 18kV Rated Voltage | | | | | | | | | | | | | | |
| 553050 | DTR 18kV 10kA Class 1 Surge Arrester | DTR | Korea | 18kV | 10kA | 1 | 32mm | Nema | Grey | IEC 60099-4 | 4.5kg | 3 | 168 | CA18/10.1D |



TR208 25kV Station Post



DTR 15-220kV POLYMER STATION POSTS

| Part Number | Description | Brand | Origin | Volts | Creepage Length | Length | Strength | Colour | Sheds | Weight | Box Qty | Drawing |
|----------------------------|------------------------------|-------|--------|-------|-----------------|--------|----------|--------|-------|--------|---------|----------------|
| 15kV Rated Voltage | | | | | | | | | | | | |
| 553263 | DTR 15kV TR205 Station Post | DTR | Korea | 15kV | 529mm | 254mm | 12.5kN | Grey | 5 | 3.2kg | 6 | DTR-TR205SK |
| 25kV Rated Voltage | | | | | | | | | | | | |
| 553271 | DTR 25kV TR208 Station Post | DTR | Korea | 25kV | 824mm | 357mm | 12.5kN | Grey | 7 | 4.1kg | 6 | DTR-TR208SK |
| 35kV Rated Voltage | | | | | | | | | | | | |
| 553298 | DTR 35kV TR210 Station Post | DTR | Korea | 35kV | 1117mm | 457mm | 12.5kN | Grey | 9 | 4.5kg | 6 | DTR-TR210SK |
| 46kV Rated Voltage | | | | | | | | | | | | |
| 553301 | DTR 46kV TR214 Station Post | DTR | Korea | 46kV | 1436mm | 559mm | 12.5kN | Grey | 11 | 5.5kg | 6 | DTR-TR214SK |
| 69kV Rated Voltage | | | | | | | | | | | | |
| 553328 | DTR 69kV TR216 Station Post | DTR | Korea | 69kV | 1884mm | 762mm | 12.0kN | Grey | 15 | 7.7kg | 6 | DTR-TR216SK |
| 150kV Rated Voltage | | | | | | | | | | | | |
| 553352 | DTR 150kV TR219 Station Post | DTR | Korea | 150kV | 4128mm | 1704mm | 8.0kN | Grey | 24 | 20.4kg | 1 | DTR-TR219SK-HP |
| 220kV Rated Voltage | | | | | | | | | | | | |
| 553360 | DTR 220kV TR312 Station Post | DTR | Korea | 220kV | 5854mm | 2336mm | 5.5kN | Grey | 34 | 30.2kg | 1 | DTR-TR312SK |



DTR POLYMERIC SUSPENSION INSULATORS FOR TRANSMISSION VOLTAGES

| Part Number | Description | Brand | Origin | Rated | Creep | Strength | Length | Sheds | Reference | Colour | Weight | Drawing |
|---------------------------------|---------------|-------|--------|-------|-------|----------|--------|-------|-----------|--------|--------|---------------|
| 66kV Polymer Suspension | | | | | | | | | | | | |
| 553379 | Ball & Socket | DTR | Korea | 69kV | 2070 | 120 | 800 | 19 | L011745 | Grey | 4.4kg | SCGL019-A6800 |
| 553387 | Ball & Socket | DTR | Korea | 69kV | 2449 | 120 | 859 | 17 | L011746 | Grey | 5.4kg | SCVL017-A6800 |
| 553395 | Y Clevis | DTR | Korea | 69kV | 2070 | 120 | 821 | 19 | L011746Y | Grey | 4.9kg | SCGL019-A2800 |
| 553409 | Eye-Eye Guy | DTR | Korea | 69kV | 1658 | 160 | 855 | 15 | L066096 | Grey | 4.6kg | SEHL015-B1100 |
| 110kV Polymer Suspension | | | | | | | | | | | | |
| 553417 | Ball & Socket | DTR | Korea | 115kV | 3754 | 120 | 1232 | 35 | L011760 | Grey | 7.1kg | SCGL035-A6801 |
| 553425 | Y Clevis | DTR | Korea | 115kV | 3754 | 120 | 1253 | 35 | L011760Y | Grey | 7.6kg | SCGL035-A2801 |
| 553433 | Ball & Socket | DTR | Korea | 115kV | 3893 | 120 | 1214 | 27 | L011761 | Grey | 8.8kg | SCGL027-A6801 |
| 553441 | Ball & Socket | DTR | Korea | 115kV | 3754 | 210 | 1241 | 35 | L011770 | Grey | 8.0kg | SFGL035-B6801 |
| 553468 | Y Clevis | DTR | Korea | 115kV | 3754 | 210 | 1262 | 35 | L011770Y | Grey | 8.5kg | SFVL035-B2801 |
| 553476 | Ball & Socket | DTR | Korea | 115kV | 3893 | 210 | 1226 | 27 | L011771 | Grey | 9.0kg | SFVL027-B6801 |
| 220kV Polymer Suspension | | | | | | | | | | | | |
| 553484 | Ball & Socket | DTR | Korea | 230kV | 7121 | 120 | 2096 | 67 | L011762 | Grey | 11.9kg | SCGL067-A6811 |
| 553492 | Ball & Socket | DTR | Korea | 230kV | 7606 | 120 | 2137 | 53 | L011763 | Grey | 13.0kg | SCVL053-A6811 |
| 553506 | Ball & Socket | DTR | Korea | 230kV | 7121 | 210 | 2105 | 67 | L011772 | Grey | 12.4kg | SFGL067-B6811 |
| 553514 | Ball & Socket | DTR | Korea | 230kV | 7607 | 210 | 2149 | 53 | L011773 | Grey | 14.5kg | SCGL053-B6811 |
| 400kV Polymer Suspension | | | | | | | | | | | | |
| 553522 | Ball & Socket | DTR | Korea | 500kV | 12804 | 120 | 3554 | 121 | L011764 | Grey | 18.5kg | SCGL121-A6813 |
| 553530 | Ball & Socket | DTR | Korea | 500kV | 13301 | 120 | 3557 | 93 | L011765 | Grey | 21.7kg | SCVL093-A6813 |
| 553549 | Ball & Socket | DTR | Korea | 500kV | 12804 | 210 | 3563 | 121 | L011774 | Grey | 19.5kg | SFGL121-B6813 |
| 553557 | Ball & Socket | DTR | Korea | 500kV | 13301 | 210 | 3569 | 93 | L011775 | Grey | 22.7kg | SFVL093-B6813 |



15kV Standoff

Side
View

End Fitting

DTR 15kV POLYMER STANDOFF INSULATOR

| Part Number | Description | Brand | Origin | Volts | Creepage | Length | Stud | Rod Dia. | Colour | Standard | Weight | Box/ Pallet | Drawing |
|---------------------------|-----------------------------|-------|--------|-------|----------|--------|------|----------|--------|-----------|--------|----------------|---------------|
| 15kV Rated Voltage | | | | | | | | | | | | | |
| 553069 | DTR 15kV Standoff Insulator | DTR | Korea | 15kV | 550mm | 328mm | M12 | 32mm | Grey | IEC 61109 | 1.8kg | 6/300 | ISA3-0550-GSS |



Side View



Hinge



150BIL EDO



Side View



Bracket

DTR POLYMER 27kV 150BIL EDO

| Part Number | Description | Brand | Origin | Volts | BIL | Current | Creepage | Length | Colour | Standard | Weight | Box/Pallet | Drawing |
|---------------------------|-----------------------------------|-------|--------|-------|-----|---------|----------|--------|--------|-------------|--------|------------|------------------|
| 27kV Rated Voltage | | | | | | | | | | | | | |
| 553190 | DTR 27kV 150BIL EDO Cutout Switch | DTR | Korea | 27kV | 150 | 100A | 580mm | 382mm | Grey | ANSI C37.41 | 5.4kg | 1/60 | CS0270-0580-100E |