

PSL

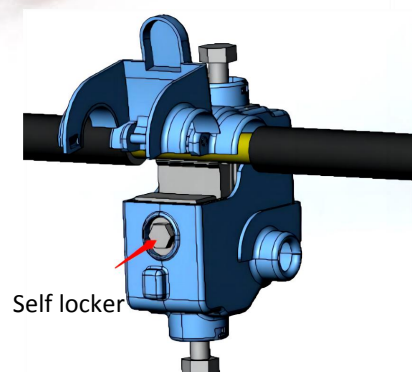
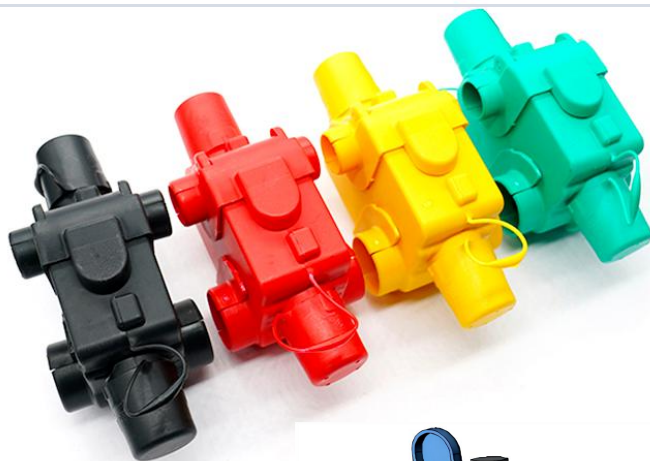
All-purpose self-locking connector upto 10kV

Application

For all-purpose connections of insulated aluminum and copper main and branch conductors up to 10kV in the transmission and distribution system

Features:

- All-purpose
- Self-locking, constant clamping force, free from maintenance.
- Large contact area with contactor, excellent overcurrent capacity
- Easy and fast installation, no additional training
- Clearly marking and different colors for phase identification



Typical technical performances

Test Items	Test Method	Typical Value
Heat aging of insulation jacket	80°C for 168hrs	No cracking, No breaking, No flashover mark
AC withstand of insulation jacket	50Hz, 3.5kV 5 Min	No flashover, No breakdown
DC resistance testing		≤1.1 resistant of same length cable conductor
Temperature-rise test		≤ the temp. of cable conductor in same condition
Clamping strength test		≥10% tensile strength of cable conductor
Salt fog test	5% NaCl, 30°C, 48hrs	No corrosion

Dimensions

Part name	Section of contactor (mm ²) Main/Branch	Unit	Colors
PSL-(16-120)/(16-120)	16-120/16-120	Kit	Black, Red, Green, Yellow
PSL-(150-300)/(16-120)	150-300/16-120	Kit	Black, Red, Green, Yellow
PSL-(150-300)/(150-300)	150-300/150-300	Kit	Black, Red, Green, Yellow

PLTY

Compact self-locking connector for power cable upto 10kV

Application

For connections of insulated aluminum and copper main and branch conductors up to 10kV in the transmission and distribution system

Features:

- Self-locking, constant clamping force, free from maintenance.
- Large contact area with contactor, excellent overcurrent capacity
- Easy and fast installation, no additional training
- Clearly marking and different colors for phase identification



Typical technical performances

Test Items	Test Method	Typical Value
Heat aging of insulation jacket	80°C for 168hrs	No cracking, No breaking, No flashover mark
AC withstand of insulation jacket	50Hz, 3.5kV 5 Min	No flashover, No breakdown
DC resistance testing		≤1.1 resistant of same length cable conductor
Temperature-rise test		≤ the temp. of cable conductor in same condition
Clamping strength test		≥10% tensile strength of cable conductor
Salt fog test	5% NaCl, 30°C, 48hrs	No corrosion

Dimensions

Part name	Section of contactor (mm ²) Main/Branch	Unit	Colors
PLTY-(16-120)/(16-120)	16-120/16-120	Kit	Black, Red, Green, Yellow
PLTY-(150-300)/(16-120)	150-300/16-120	Kit	Black, Red, Green, Yellow
PLTY-(150-300)/(150-300)	150-300/150-300	Kit	Black, Red, Green, Yellow