

Parallel screened separable connector CSEP-A 36-42 kV, 630 A

Application

Parallel screened separable connector is a screened separable parallel cable connector designed to be connected to a screened separable cables connector type CSE-A. Used with XLPE insulated 1-core or 3-core cable with Al or Cu conductor for 36-42 kV.

Standard

- GB/T 12706.4

Features

- CSEP-A is manufactured in EPDM rubber with three layers: a conductive inner layer, an insulation layer and a conductive outer layer. They are vulcanized together for the best possible interface between the layers.
- When installing CSEP-A on the CSE-A the plug and the protective cap must be moved from CSE-A to parallel connector CSEP-A.
- Delivered in 3-phases kits complete with crimping cable lug, and stress grading adapter, designed to ensure reliable installation.
- An earthing kit for 1-core or 3-core cable must be used. To be ordered separately.



36 kV, 630 A Parallel screened separable connector selection guide

Designation		18/30(36) kV	
Cu conductor	Al conductor	Insulation diameter (mm)	Conductor cross section (mm ²)
CSEP-A36630-35	CSEP-A36630-35AL	22.5-24.5	35
CSEP-A36630-50	CSEP-A36630-50AL	24.5-26.5	50
CSEP-A36630-70	CSEP-A36630-70AL	26.5-29.5	70
CSEP-A36630-95	CSEP-A36630-95AL	26.5-29.5	95
CSEP-A36630-120	CSEP-A36630-120AL	29.5-32.5	120
CSEP-A36630-150	CSEP-A36630-150AL	29.5-32.5	150
CSEP-A36630-185	CSEP-A36630-185AL	32.5-35.5	185
CSEP-A36630-240	CSEP-A36630-240AL	32.5-35.5	240
CSEP-A36630-300	CSEP-A36630-300AL	35.5-38	300
CSEP-A36630-400	CSEP-A36630-400AL	38-41.5	400
CSEP-A36630-500	CSEP-A36630-500AL	41.5-45.5	500
CSEP-A36630-630	CSEP-A36630-630AL	45.5-48	630

42 kV, 630 A Parallel screened separable connector selection guide

Designation		26/35(40.5) kV	
Cu conductor	Al conductor	Insulation diameter (mm)	Conductor cross section (mm ²)
CSEP-A42630-50	CSEP-A42630-50AL	30-32.5	50
CSEP-A42630-70	CSEP-A42630-70AL	32.5-34.2	70
CSEP-A42630-95	CSEP-A42630-95AL	34.2-37	95
CSEP-A42630-120	CSEP-A42630-120AL	34.2-37	120
CSEP-A42630-150	CSEP-A42630-150AL	37-41	150
CSEP-A42630-185	CSEP-A42630-185AL	37-41	185
CSEP-A42630-240	CSEP-A42630-240AL	41-45	240
CSEP-A42630-300	CSEP-A42630-300AL	41-45	300
CSEP-A42630-400	CSEP-A42630-400AL	45-38.5	400
CSEP-A42630-500	CSEP-A42630-500AL	48.5-50.5	500

Please always select products by insulation diameter.

Parallel screened separable connector CSEP-B 12-24 kV, 630 A

Application

Parallel screened separable connector can be connected with cables and screened separable cable connector CSE-B 630. CSEP-B is used for XLPE insulated 1-core or 3-core cables with Al or Cu conductor for 12-24 kV. Can be installed both indoors and outdoors.

Standard

- IEC 60502.4
- GB/T 12706.4

Features

- ABB robotics production process is applied to produce CSEP-B 12-24kV, 630 A. It is manufactured in EPDM rubber with three layers: a conductive inner layer, an insulation layer and a conductive outer layer. They are vulcanized together for the best possible interface between the layers. It has good UV, Ozone and tracking resistance for outdoor use.
- When installing CSEP-B on the CSE-B the plug and the protective cap must be moved from CSE-B to parallel connector CSEP-B.
- Delivered in 3-phases kits complete with crimping cable lug, and stress grading adapter, designed to ensure reliable installation.
- An earthing kit for 1-core or 3-core cable must be used. To be ordered separately.



12 kV, 630A Premolded screened separable cable connector selection guide

Designation		Insulation diameter (mm)	8.7/15(17.5) kV
Cu conductor	Al conductor		Conductor cross section (mm ²)
CSEP-B12630-25	CSEP-B12630-25AL	15.4-18.5	25
CSEP-B12630-35	CSEP-B12630-35AL	15.4-18.5	35
CSEP-B12630-50	CSEP-B12630-50AL	17.9-21.5	50
CSEP-B12630-70	CSEP-B12630-70AL	17.9-21.5	70
CSEP-B12630-95	CSEP-B12630-95AL	21-25	95
CSEP-B12630-120	CSEP-B12630-120AL	21-25	120
CSEP-B12630-150	CSEP-B12630-150AL	24.5-28.5	150
CSEP-B12630-185	CSEP-B12630-185AL	24.5-28.5	185
CSEP-B12630-240	CSEP-B12630-240AL	28.1-32.7	240
CSEP-B12630-300	CSEP-B12630-300AL	28.1-32.7	300
CSEP-B12630-400	CSEP-B12630-400AL	32.2-36.4	400
CSEP-B12630-500	CSEP-B12630-500AL	36.4-42	500

Always select products by insulation diameter.

24 kV, 630A Premolded screened separable cable connector selection guide

Designation		Insulation diameter (mm)	12/24 kV
Cu conductor	Al conductor		Conductor cross section (mm ²)
CSEP-B24630-25	CSEP-B24630-25AL	15.4-18.5	25
CSEP-B24630-35	CSEP-B24630-35AL	17.9-21.5	35
CSEP-B24630-50	CSEP-B24630-50AL	17.9-21.5	50
CSEP-B24630-70	CSEP-B24630-70AL	21-25	70
CSEP-B24630-95	CSEP-B24630-95AL	21-25	95
CSEP-B24630-120	CSEP-B24630-120AL	24.5-28.5	120
CSEP-B24630-150	CSEP-B24630-150AL	24.5-28.5	150
CSEP-B24630-185	CSEP-B24630-185AL	28.1-32.7	185
CSEP-B24630-240	CSEP-B24630-240AL	28.1-32.7	240
CSEP-B24630-300	CSEP-B24630-300AL	32.2-36.4	300
CSEP-B24630-400	CSEP-B24630-400AL	32.2-36.4	400
CSEP-B24630-500	CSEP-B24630-500AL	36.4-42	500

Always select products by insulation diameter.