

MV SCREENED SEPARABLE CONNECTORS

Chardon Screened Separable Connectors are designed for connecting polymeric cables to dead-front equipment such as transformers and switchgear. They meet IEC 60502 & HD 629 standards, are suitable for indoor and outdoor use, and comply with the interface requirements of EN 50180 and EN 50181. Compatible with copper and aluminium conductors up to 33kV, they include high-performance adapters for a wide range of cable sizes.

Features:

- Fully shielded and submersible connection when used with compatible bushings or plugs.
- Advanced adapter for optimised stress control across various cable sizes.
- Complies with Type C, 630A & 1250A interface industry standards.
- Supports vertical, horizontal, and angled mounting.
- No minimum phase clearance required.
- 100% factory electrical tested.



11kV Front / Rear Screened Separable Connector

Item Code		Description	Diameter Over Insulation (mm)	Size Range (mm ²)
Front	Rear			
KMCD-24-F630-A1-50-70	KMCD-24-R630-A1-50-70	Chardon 11kV 1C 50-70mm ² Front / Rear Screened Separable Connector	12.5 - 19.5	50 - 70
KMCD-24-F630-A2-95	KMCD-24-R630-A2-95	Chardon 11kV 1C 95mm ² Front / Rear Screened Separable Connector	17.0 - 25.1	95
KMCD-24-F630-A2-120-150	KMCD-24-R630-A2-120-150	Chardon 11kV 1C 120-150mm ² Front / Rear Screened Separable Connector	17.0 - 25.1	120 - 150
KMCD-24-F630-B2-185-240	KMCD-24-R630-B2-185-240	Chardon 11kV 1C 185-240mm ² Front / Rear Screened Separable Connector	23.6 - 34.0	185 - 240
KMCD-24-F630-B2-300	KMCD-24-R630-B2-300	Chardon 11kV 1C 300mm ² Front / Rear Screened Separable Connector	23.6 - 34.0	300
KMCD-36-F630-B3-400	KMCD-36-R630-B3-400	Chardon 11kV 1C 400mm ² Front / Rear Screened Separable Connector	27.3 - 38.5	400
KMCD-36-F630-B3-500	KMCD-36-R630-B3-500	Chardon 11kV 1C 500mm ² Front / Rear Screened Separable Connector	27.3 - 38.5	500
KMCD-36-LF1250-C2-630	KMCD-36-LR1250-C2-630	Chardon 11kV 1C 630mm ² Front / Rear Screened Separable Connector	34.0 - 45.0	630

22kV Front / Rear Screened Separable Connector

Item Code		Description	Diameter Over Insulation (mm)	Size Range (mm ²)
Front	Rear			
KMCD-24-F630-A2-50-95	KMCD-24-R630-A2-50-95	Chardon 22kV 1C 50-95mm ² Front / Rear Screened Separable Connector	17.0 - 25.1	50 - 95
KMCD-24-F630-B2-120-240	KMCD-24-R630-B2-120-240	Chardon 22kV 1C 120-240mm ² Front / Rear Screened Separable Connector	23.6 - 34.0	120 - 240
KMCD-24-F630-B2-300	KMCD-24-R630-B2-300	Chardon 22kV 1C 300mm ² Front / Rear Screened Separable Connector	23.6 - 34.0	300
KMCD-36-F630-B3-400	KMCD-36-R630-B3-400	Chardon 22kV 1C 400mm ² Front / Rear Screened Separable Connector	27.3 - 38.5	400
KMCD-36-LF1250-C2-500-630	KMCD-36-LR1250-C2-500-630	Chardon 22kV 1C 500-630mm ² Front / Rear Screened Separable Connector	34.0 - 45.0	500 - 630

33kV Front / Rear Screened Separable Connector

Item Code		Description	Diameter Over Insulation (mm)	Size Range (mm ²)
Front	Rear			
KMCD-36-F630-A3-50-95	KMCD-36-R630-A3-50-95	Chardon 33kV 1C 50-95mm ² Front / Rear Screened Separable Connector	21.0 - 30.0	50 - 95
KMCD-36-F630-B3-120-240	KMCD-36-R630-B3-120-240	Chardon 33kV 1C 120-240mm ² Front / Rear Screened Separable Connector	27.3 - 38.5	120 - 240
KMCD-36-LF1250-C2-300	KMCD-36-LR1250-C2-300	Chardon 33kV 1C 300mm ² Front / Rear Screened Separable Connector	27.3 - 38.5	300
KMCD-36-LF1250-C2-400	KMCD-36-LR1250-C2-400	Chardon 33kV 1C 400mm ² Front / Rear Screened Separable Connector	34.0 - 45.0	400
KMCD-36-LF1250-C2-500	KMCD-36-LR1250-C2-500	Chardon 33kV 1C 500mm ² Front / Rear Screened Separable Connector	34.0 - 45.0	500
KMCD-36-LF1250-C3-630	KMCD-36-LR1250-C3-630	Chardon 33kV 1C 630mm ² Front / Rear Screened Separable Connector	38.5 - 50.0	630



Grounding Kit

11kV Front / Rear Screened Separable Connector with Grounding Kit

Item Code		Description	Diameter Over Insulation (mm)	Size Range (mm ²)
Front	Rear			
KMCD-24-F630-A1-GA-50-70	KMCD-24-R630-A1-GA-50-70	Chardon 11kV 1C 50-70mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	12.5 - 19.5	50 - 70
KMCD-24-F630-A2-GA-95	KMCD-24-R630-A2-GA-95	Chardon 11kV 1C 95mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	17.0 - 25.1	95
KMCD-24-F630-A2-GB-120-150	KMCD-24-R630-A2-GB-120-150	Chardon 11kV 1C 120-150mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	17.0 - 25.1	120 - 150
KMCD-24-F630-B2-GC-185-240	KMCD-24-R630-B2-GC-185-240	Chardon 11kV 1C 185-240mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	23.6 - 34.0	185 - 240
KMCD-24-F630-B2-GC-300	KMCD-24-R630-B2-GC-300	Chardon 11kV 1C 300mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	23.6 - 34.0	300
KMCD-36-F630-B3-GC-400	KMCD-36-R630-B3-GC-400	Chardon 11kV 1C 400mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	27.3 - 38.5	400
KMCD-36-F630-B3-GC-500	KMCD-36-R630-B3-GC-500	Chardon 11kV 1C 500mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	27.3 - 38.5	500
KMCD-36-LF1250-C2-GC-630	KMCD-36-LR1250-C2-GC-630	Chardon 11kV 1C 630mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	34.0 - 45.0	630

22kV Front / Rear Screened Separable Connector with Grounding Kit

Item Code		Description	Diameter Over Insulation (mm)	Size Range (mm ²)
Front	Rear			
KMCD-24-F630-A2-GA-50	KMCD-24-R630-A2-GA-50	Chardon 22kV 1C 50mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	17.0 - 25.1	50
KMCD-24-F630-A2-GB-70-95	KMCD-24-R630-A2-GB-70-95	Chardon 22kV 1C 70-95mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	17.0 - 25.1	70 - 95
KMCD-24-F630-B2-GC-120-240	KMCD-24-R630-B2-GC-120-240	Chardon 22kV 1C 120-240mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	23.6 - 34.0	120 - 240
KMCD-24-F630-B2-GC-300	KMCD-24-R630-B2-GC-300	Chardon 22kV 1C 300mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	23.6 - 34.0	300
KMCD-36-F630-B3-GC-400	KMCD-36-R630-B3-GC-400	Chardon 22kV 1C 400mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	27.3 - 38.5	400
KMCD-36-LF1250-C2-GC-500-630	KMCD-36-LR1250-C2-GC-500-630	Chardon 22kV 1C 500-630mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	34.0 - 45.0	500 - 630

33kV Front / Rear Screened Separable Connector with Grounding Kit

Item Code		Description	Diameter Over Insulation (mm)	Size Range (mm ²)
Front	Rear			
KMCD-36-F630-A3-GC-50-95	KMCD-36-R630-A3-GC-50-95	Chardon 33kV 1C 50-95mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	21.0 - 30.0	50 - 95
KMCD-36-F630-B3-GC-120-240	KMCD-36-R630-B3-GC-120-240	Chardon 33kV 1C 120-240mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	27.3 - 38.5	120 - 240
KMCD-36-LF1250-C2-GC-300	KMCD-36-LR1250-C2-GC-300	Chardon 33kV 1C 300mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	34.0 - 45.0	300
KMCD-36-LF1250-C2-GC-400	KMCD-36-LR1250-C2-GC-400	Chardon 33kV 1C 400mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	34.0 - 45.0	400
KMCD-36-LF1250-C2-GD-500	KMCD-36-LR1250-C2-GD-500	Chardon 33kV 1C 500mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	34.0 - 45.0	500
KMCD-36-LF1250-C3-GD-630	KMCD-36-LR1250-C3-GD-630	Chardon 33kV 1C 630mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	38.5 - 50.0	630



Trifurcation Kit

11kV Front / Rear Screened Separable Connector with Trifurcation Kit

Item Code		Description	Diameter Over Insulation (mm)	Size Range (mm ²)
Front	Rear			
KMCD-24-F630-A1-T1-70	KMCD-24-R630-A1-T1-70	Chardon 11kV 3C 70mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	12.5 - 19.5	70
KMCD-24-F630-A2-T2-95	KMCD-24-R630-A2-T2-95	Chardon 11kV 3C 95mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	17.0 - 25.1	95
KMCD-24-F630-A2-T2-120-150	KMCD-24-R630-A2-T2-120-150	Chardon 11kV 3C 120-150mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	17.0 - 25.1	120 - 150
KMCD-24-F630-B2-T2-185	KMCD-24-R630-B2-T2-185	Chardon 11kV 3C 185mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	17.0 - 25.1	185
KMCD-24-F630-B2-T3-240	KMCD-24-R630-B2-T3-240	Chardon 11kV 3C 240mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	23.6 - 34.0	240
KMCD-24-F630-B2-T3-300	KMCD-24-R630-B2-T3-300	Chardon 11kV 3C 300mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	23.6 - 34.0	300
KMCD-36-F630-B3-T3-400	KMCD-36-R630-B3-T3-400	Chardon 11kV 3C 400mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	27.3 - 38.5	400
KMCD-36-F630-B3-T4-500	KMCD-36-R630-B3-T4-500	Chardon 11kV 3C 500mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	27.3 - 38.5	500

22kV Front / Rear Screened Separable Connector with Trifurcation Kit

Item Code		Description	Diameter Over Insulation (mm)	Size Range (mm ²)
Front	Rear			
KMCD-24-F630-A2-T1-50	KMCD-24-R630-A2-T1-50	Chardon 22kV 3C 50mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	17.0 - 25.1	50
KMCD-24-F630-A2-T2-70-95	KMCD-24-R630-A2-T2-70-95	Chardon 22kV 3C 70-95mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	17.0 - 25.1	70 - 95
KMCD-24-F630-B2-T2-120	KMCD-24-R630-B2-T2-120	Chardon 22kV 3C 120mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	23.6 - 34.0	120
KMCD-24-F630-B2-T3-150-240	KMCD-24-R630-B2-T3-150-240	Chardon 22kV 3C 150-240mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	23.6 - 34.0	150 - 240
KMCD-24-F630-B2-T3-300	KMCD-24-R630-B2-T3-300	Chardon 22kV 3C 300mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	23.6 - 34.0	300
KMCD-36-F630-B3-T4-400	KMCD-36-R630-B3-T4-400	Chardon 22kV 3C 400mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	27.3 - 38.5	400
KMCD-36-LF1250-C2-T4-500	KMCD-36-LR1250-C2-T4-500	Chardon 22kV 3C 500mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	34.0 - 45.0	500

33kV Front / Rear Screened Separable Connector with Trifurcation Kit

Item Code		Description	Diameter Over Insulation (mm)	Size Range (mm ²)
Front	Rear			
KMCD-36-F630-A3-T2-50	KMCD-36-R630-A3-T2-50	Chardon 33kV 3C 50mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	21.0 - 30.0	50
KMCD-36-F630-A3-T3-70-95	KMCD-36-R630-A3-T3-70-95	Chardon 33kV 3C 70-95mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	21.0 - 30.0	70 - 95
KMCD-36-F630-B3-T3-120-185	KMCD-36-R630-B3-T3-120-185	Chardon 33kV 3C 120-185mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	27.3 - 38.5	120 - 185
KMCD-36-F630-B3-T4-240	KMCD-36-R630-B3-T4-240	Chardon 33kV 3C 240mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	27.3 - 38.5	240
KMCD-36-F630-B3-T4-300	KMCD-36-R630-B3-T4-300	Chardon 33kV 3C 300mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	27.3 - 38.5	300
KMCD-36-LF1250-C2-T4-400	KMCD-36-LR1250-C2-T4-400	Chardon 33kV 3C 400mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	34.0 - 45.0	400

Note:

1. Mechanical Lug with Centre Palm is included.