

MV SCREENED SEPARABLE CONNECTOR

Chardon Screened Separable Connectors are used to connect polymeric cables to dead front equipment like 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 aluminum conductors up to 33kV, they include high-performance adapters for a wide range of cable sizes.

Features:

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



11kV Front / Rear Screened Separable Connector

Item Code		Description	Diameter Over Insulation (mm)	Size Range (mm ²)
Front	Rear			
KMCD-24-F630-A1-50-95	KMCD-24-R630-A1-50-95	Chardon 11kV 1C 50-95mm ² Front / Rear Screened Separable Connector	16.4 – 19.76	50 – 95
KMCD-24-F630-A1-120-150	KMCD-24-R630-A1-120-150	Chardon 11kV 1C 120-150mm ² Front / Rear Screened Separable Connector	21.23 - 22.63	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	24.35 - 26.73	185 - 240
KMCD-24-F630-B2-300	KMCD-24-R630-B2-300	Chardon 11kV 1C 300mm ² Front / Rear Screened Separable Connector	28.94	300
KMCD-36-F630-B3-400	KMCD-36-R630-B3-400	Chardon 11kV 1C 400mm ² Front / Rear Screened Separable Connector	31.64	400
KMCD-36-F630-B3-500	KMCD-36-R630-B3-500	Chardon 11kV 1C 500mm ² Front / Rear Screened Separable Connector	34.51	500
KMCD-36-LF1250-C2-630	KMCD-36-LR1250-C2-630	Chardon 11kV 1C 630mm ² Front / Rear Screened Separable Connector	38.1	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	20.6 - 23.96	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	25.43 - 30.93	120 - 240
KMCD-24-F630-B2-300	KMCD-24-R630-B2-300	Chardon 22kV 1C 300mm ² Front / Rear Screened Separable Connector	33.14	300
KMCD-36-F630-B3-400	KMCD-36-R630-B3-400	Chardon 22kV 1C 400mm ² Front / Rear Screened Separable Connector	35.84	400
KMCD-36-LF1250-C2-500-630	KMCD-36-LR1250-C2-500-630	Chardon 22kV 1C 500-630mm ² Front / Rear Screened Separable Connector	38.71 - 42.3	500 - 630

33kV Front / Rear Screen 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	25.60 - 28.96	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	30.43 - 35.93	120 - 240
KMCD-36-FL1250-C2-300-400	KMCD-36-R630-C2-300-400	Chardon 33kV 1C 300-400mm ² Front / Rear Screened Separable Connector	38.14 - 40.84	300 - 400
KMCD-36-LF1250-C2-500	KMCD-36-LR1250-C2-500	Chardon 33kV 1C 500mm ² Front / Rear Screened Separable Connector	43.71	500
KMCD-36-LF1250-C3-630	KMCD-36-LR1250-C3-630	Chardon 33kV 1C 630mm ² Front / Rear Screened Separable Connector	47.30	630


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	16.40 - 18.04	50 - 70
KMCD-24-F630-A1-GB-95	KMCD-24-R630-A1-GB-95	Chardon 11kV 1C 95mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	19.76	95
KMCD-24-F630-A1-GB-120-150	KMCD-24-R630-A1-GB-120-150	Chardon 11kV 1C 120-150mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	21.23 - 22.63	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	24.35 - 26.73	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	28.94	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	31.64	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	34.51	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	38.10	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	20.60	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	22.24 - 23.96	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	25.43 - 30.93	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	33.14	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	35.84	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	38.71 - 42.30	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	25.60 - 28.96	50 - 95
KMCD-36-F630-B3-GC-120-185	KMCD-36-R630-B3-GC-120-185	Chardon 33kV 1C 120-185mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	30.43 - 33.55	120 - 185
KMCD-36-F630-B3-GC-240	KMCD-36-R630-B3-GC-240	Chardon 33kV 1C 240mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	35.93	240
KMCD-36-F630-B3-GC-300	KMCD-36-R630-B3-GC-300	Chardon 33kV 1C 300mm ² Front / Rear Screened Separable Connector C/W Grounding Kit	38.14	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	40.84	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	43.71	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	47.30	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-T1-70-95	KMCD-24-R630-A1-T1-70-95	Chardon 11kV 3C 70-95mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	18.04 – 19.76	70 - 95
KMCD-24-F630-A1-T1-120	KMCD-24-R630-A1-T1-120	Chardon 11kV 3C 120mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	21.23	120
KMCD-24-F630-A1-T2-150	KMCD-24-R630-A1-T2-150	Chardon 11kV 3C 150mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	22.63	150
KMCD-24-F630-B2-T2-185-240	KMCD-24-R630-B2-T2-185-240	Chardon 11kV 3C 185-240mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	24.35 – 26.73	185 - 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	28.94	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	31.64	400
KMCD-36-F630-B3-T3-500	KMCD-36-R630-B3-T3-500	Chardon 11kV 3C 500mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	34.75	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-T1-50-70	KMCD-24-R630-A2-T1-50-70	Chardon 22kV 3C 50-70mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	20.6 - 22.24	50 - 70
KMCD-24-F630-A2-T2-95	KMCD-24-R630-A1-A2-T2-95	Chardon 22kV 3C 95mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	23.96	95
KMCD-24-F630-B2-T2-120-150	KMCD-24-R630-B2-T2-120-150	Chardon 22kV 3C 120-150mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	25.43 - 26.83	120 - 150
KMCD-24-F630-B2-T3-185-240	KMCD-24-R630-B2-T3-185-240	Chardon 22kV 3C 185-240mm ² Front / Rear Screened Separable Connector C/W Trifurcation Kit	28.55 - 30.93	185 - 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	33.14	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	35.84	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	38.71	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	25.60	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	27.24 - 28.96	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	30.43 - 33.55	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	35.93	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	38.14	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	40.84	400

Note:

1. Mechanical Lug Centered Palm is included.