

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 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 T-body

Item Code		Description	Diameter Over Insulation (mm)	Size Range (mm ²)
Front	Rear			
KMCD-24-F630-A1-G-50-70	KMCD-24-R630-A1-G-50-70	Chardon 11kV 1C 50-70mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	16.40 - 18.04	50 - 70
KMCD-24-F630-A1-G-95	KMCD-24-R630-A1-G-95	Chardon 11kV 1C 95mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	19.76	95
KMCD-24-F630-A1-G-120-150	KMCD-24-R630-A1-G-120-150	Chardon 11kV 1C 120-150mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	21.23 - 22.63	120 - 150
KMCD-24-F630-B2-G-185-240	KMCD-24-R630-B2-G-185-240	Chardon 11kV 1C 185-240mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	24.35 - 26.73	185 - 240
KMCD-24-F630-B2-G-300	KMCD-24-R630-B2-G-300	Chardon 11kV 1C 300mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	28.94	300
KMCD-36-F630-B3-G-400	KMCD-36-R630-B3-G-400	Chardon 11kV 1C 400mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	31.64	400
KMCD-36-F630-B3-G-500	KMCD-36-R630-B3-G-500	Chardon 11kV 1C 500mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	34.51	500
KMCD-36-LF1250-C2-G-630	KMCD-36-LR1250-C2-G-630	Chardon 11kV 1C 630mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	38.10	630

22kV Front / Rear T-body

Item Code		Description	Diameter Over Insulation (mm)	Size Range (mm ²)
Front	Rear			
KMCD-24-F630-A2-G-50	KMCD-24-R630-A2-G-50	Chardon 22kV 1C 50mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	20.60	50
KMCD-24-F630-A2-G-70-95	KMCD-24-R630-A2-G-70-95	Chardon 22kV 1C 70-95mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	22.24 - 23.96	70 - 95
KMCD-24-F630-B2-G-120-240	KMCD-24-R630-B2-G-120-240	Chardon 22kV 1C 120-240mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	25.43 - 30.93	120 - 240
KMCD-24-F630-B2-G-300	KMCD-24-R630-B2-G-300	Chardon 22kV 1C 300mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	33.14	300
KMCD-36-F630-B3-G-400	KMCD-36-R630-B3-G-400	Chardon 22kV 1C 400mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	35.84	400
KMCD-36-LF1250-C2-G-500-630	KMCD-36-LR1250-C2-G-500-630	Chardon 22kV 1C 500-630mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	38.71 - 42.30	500 - 630

33kV Front / Rear T-body

Item Code		Description	Diameter Over Insulation (mm)	Size Range (mm ²)
Front	Rear			
KMCD-36-F630-A3-G-50-95	KMCD-36-R630-A3-G-50-95	Chardon 33kV 1C 50-95mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	25.60 - 28.96	50 - 95
KMCD-36-F630-B3-G-120-185	KMCD-36-R630-B3-G-120-185	Chardon 33kV 1C 120-185mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	30.43 - 33.55	120 - 185
KMCD-36-F630-B3-G-240	KMCD-36-R630-B3-G-240	Chardon 33kV 1C 240mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	35.93	240
KMCD-36-LF1250-C2-G-300-400	KMCD-36-LR1250-C2-G-300-400	Chardon 33kV 1C 300-400mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	38.14 - 40.84	300 - 400
KMCD-36-LF1250-C2-G-500	KMCD-36-LR1250-C2-G-500	Chardon 33kV 1C 500mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	43.71	500
KMCD-36-LF1250-C3-G-630	KMCD-36-LR1250-C3-G-630	Chardon 33kV 1C 630mm ² Screened Separable Connector Front / Rear T-Body C/W Grounding Kit	47.30	630

Note:

1. Mechanical Lug Centered Palm is included.