

Mechanical Connectors

Type UM Cable Connectors

Designed for straight through mains to accept 3 or 4 core sector shaped stranded conductors incorporating the shear head screw principle for reliable connection. Supplied with fitting instructions. Contact SWA for technical data.



Table (a)

Part No.	Core CSA (mm ²)	
	Minimum	Maximum
UM1	35	95
UM2	95	150
UM3	185	300

Secondary Applications

(a) Solid Aluminium Conductors

These connectors can accommodate sector shaped solid aluminium conductors within the ranges specified below. For these Connections the pressure-pad is normally removed.

(b) Circular Conductors

These connectors are also suitable for stranded circular conductors to BS6360 (copper) and BS6791 (aluminium) in the following ranges:-

Table (b)

Part No.	Core CSA (mm ²)			
	(a)Solid Aluminium		(b)Circular Conductors	
	Min.	Max.	Min.	Max.
UM1	70	95	35	95
UM2	95	150	95	120
UM3	185	300	120	300

Type WM Cable Connectors

For copper and aluminium cables

Mains branch connectors to accept 3 and 4 core sector shaped stranded conductors incorporating the shear head screw principle for reliable connection. Supplied with fitting instructions. Contact SWA for technical data.



Secondary Applications

These connectors can accept stranded circular conductors to BS6360 (copper) and BS6791 (aluminium) in the main and/or branch sides of the connector in the following ranges:-

Stranded Sector Shaped Conductors

Part No.	Core CSA (mm ²)			
	Mains		Branch	
	Min.	Max.	Min.	Max.
WM1	16*	95	16*	95
WM2	50	185	50	185
WM3	120	300	120	300

Stranded Circular Conductors

Part No.	Core CSA (mm ²)			
	Mains		Branch	
	Min.	Max.	Min.	Max.
WM1	16	70	16	70
WM2	50	150	50	150
WM3	120	240	120	240