



ODU-MAC® Blue-Line



ODU-MAC® White-Line



ODU-MAC® Silver-Line



ODU DOCK Silver-Line

Mating cycles	> 10,000	> 100,000	100,000 up to 10 million	100,000 up to 10 million
Mating principle	Manual mating, automatic docking	Manual mating	Automatic docking	Automatic docking
Automatic docking option	1 frame, 4 sizes		8 frame varieties, individual length	
Locking	Per spindle / Locking lever / Push-Pull (PUSH-LOCK)	Per spindle / Locking lever / Snap-In (ZERO)		
Housing	Available in plastic and metal	Available in plastic and metal		3 housing varieties available in plastic and metal
Strain relief housing	•		•	
Highest packing density on the market	•	•	•	•
Non-magnetic version		•	•	
EMC-protection	On module basis + PUSH-LOCK housing	On module basis	On module basis	In metal housing
Quick-change head option			•	•



**ODU-MAC® Blue-Line**



**ODU-MAC® White-Line**



**ODU-MAC® Silver-Line**



**ODU DOCK Silver-Line**

Variety of modules	ODU-MAC® Blue-Line	ODU-MAC® White-Line	ODU-MAC® Silver-Line	ODU DOCK Silver-Line
Signal	Up to 33 A / 2,5 mm <sup>2</sup>	Up to 27 A / 1,5 mm <sup>2</sup>	Up to 27 A / 1,5 mm <sup>2</sup>	Up to 27 A / 1,5 mm <sup>2</sup>
Power	Up to 58 A / 6 mm <sup>2</sup>	Up to 119 A / 16 mm <sup>2</sup>	Up to 119 A / 16 mm <sup>2</sup>	Up to 119 A / 16 mm <sup>2</sup>
High current	Up to 225 A / 50 mm <sup>2</sup>	Up to 225 A / 50 mm <sup>2</sup>	Up to 225 A / 50 mm <sup>2</sup>	Up to 225 A / 50 mm <sup>2</sup>
PE module	Up to 25 mm <sup>2</sup>	Up to 25 mm <sup>2</sup>	Up to 25 mm <sup>2</sup>	
High voltage	Up to 4 kV / 1 mm <sup>2</sup>	Up to 6,3 kV / 1,5 mm <sup>2</sup>	Up to 6,3 kV / 1,5 mm <sup>2</sup>	Up to 2,5 kV / 1,5 mm <sup>2</sup>
HF-Signal (Coax)	Up to 12 GHz	Up to 9 GHz	Up to 9 GHz	Up to 9 GHz
Compressed air	-0,8 up to 12 bar	-0,8 up to 20 bar	-0,8 up to 20 bar	-0,8 up to 20 bar
Fluid	Up to 10 bar	Up to 25 bar	Up to 25 bar	Up to 10 bar
Fiber optic POF / GOF	•	•	•	•
Transfer rates / High-speed	CAT 6 <sub>A</sub> / USB® / HDMI® *	CAT 6 <sub>A</sub> / USB® / HDMI® *	CAT 6 <sub>A</sub> / USB <sup>1</sup> / HDMI® *	CAT 6 <sub>A</sub> / USB® / HDMI® *
PCB termination module	incl. quick-change system			
Optional pin protection	Integrated with 20-pin signal module	Module can be freely positioned	Module can be freely positioned	
Termination technology	Crimp / Solder / Print through PCB termination modules	Crimp / Solder / Print	Crimp / Solder / Print	Crimp / Solder

\*These ODU-specific connectors can transmit common data transmission protocols such as USB®, CAT6A, and HDMI®, but they are not standard USB®, CAT, and HDMI® connectors.