



### Benefits

- Space-saving by transmitting data and power with one cable
- Fast-locking with bayonet
- Connectors are only lockable in completely mated condition
- Degree of protection IP67
- Data element 360° shielded

### Applications

- Drive technology
- Machine manufacturing
- Robotics
- Assembly and production lines
- Renewable energy
- Automation technology



Characteristics	B12		
	overmoulded	field attachable	Receptacles
Coding	1, 2	1, 2	1, 2
Housing Type	Female	Female	Male
Gender mating face: Power = Female Ethernet = Male	✓	✓	✓
Gender mating face: Power = Male Ethernet = Female	✓	✓	✓
Shielding		optional	
Configuration	axial	axial	axial
Number of poles data	4		
Number of poles power	2		
Current rating data contacts	4 A @ 40 °C		
Current rating power contacts	10 A @ 40°C		
Rated voltage data contacts	24 V DC		
Rated voltage power contacts	60 V DC		
Cable quality	TPU		
Bayonet locking	✓	✓	✓
Degree of protection (in mated condition)	IP67		



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**Applications**

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Characteristics	B17		
	overmoulded	field attachable	Receptacles
Coding	1, 2, 3	1, 2, 3	1, 2, 3
Housing Type	Female	Female	Male
Gender mating face: Power = Female Ethernet = Male	✓	✓	✓
Gender mating face: Power = Male Ethernet = Female	✓	✓	✓
Shielding		optional	
Configuration	axial	axial	axial
Number of poles data	4		
Number of poles power	2+PE, 3+PE, 4+PE		
Current rating data contacts	4 A @ 40 °C		
Current rating power contacts	14 A @ 40°C, 20 A @ 40°C		
Rated voltage data contacts	24 V DC		
Rated voltage power contacts	250 V AC/DC, 630 V AC/850 V DC		
Cable quality	TPU		
Bayonet locking	✓	✓	✓
Degree of protection (in mated condition)	IP67		



### Benefits

- Space-saving by transmitting data and power with one cable
- Fast-locking with bayonet
- Connectors are only lockable in completely mated condition
- Adjustable direction of outlet (only receptacle angled)
- degree of protection IP67
- Data element 360° shielded

### Applications

- Drive technology
- Machine manufacturing
- Robotics
- Assembly and production lines
- Renewable energy
- Automation technology



Characteristics	B23		
	overmoulded	field attachable	Receptacles
Coding	1, 2, 3	1, 2, 3	1, 2, 3
Housing Type	Female	Female	Male
Gender mating face: Power = Female Ethernet = Male	✓	✓	✓
Gender mating face: Power = Male Ethernet = Female	✓	✓	✓
Shielding	✓	optional	
Configuration	axial	axial	axial, angled
Number of poles data	4		
Number of poles power	3+PE + 2, 4+PE		
Current rating data contacts	4 A @ 40 °C		
Current rating power contacts	28 A + 20 A @ 40°C, 28 A @ 40°C		
Rated voltage data contacts	24 V DC		
Rated voltage power contacts	630 V AC/850 V DC		
Cable quality	TPU		
Bayonet locking	✓	✓	✓
Degree of protection (in mated condition)	IP67		





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- Assembly and production lines
- Renewable energy
- Automation technology



Characteristics	B40		
	overmoulded	field attachable	Receptacles
Coding	1, 2, 3, 4, 5, 6	1, 2, 3, 4, 5, 6	1, 2, 3, 4, 5, 6
Housing Type	Female	Female	Male
Gender mating face: Power = Female Ethernet = Male	✓	✓	✓
Gender mating face: Power = Male Ethernet = Female	✓	✓	✓
Shielding		optional	
Configuration	axial	axial	axial
Number of poles data		4	
Number of poles power		4+PE	
Current rating data contacts		4 A @ 40 °C	
Current rating power contacts		64 A @ 40°C	
Rated voltage data contacts		24 V DC	
Rated voltage power contacts		630 V AC/850 V DC	
Cable quality		TPU	
Bayonet locking	✓	✓	✓
Degree of protection (in mated condition)		IP67	