

## G SERIES CONNECTORS FOR POWER AND SIGNAL CONNECTIONS



G Series Connectors

The G Series is a long established reliable connector that offers fast, secure coupling through it's bayonet locking mechanism. Because of it's wide range of contact arrangements with ratings upto 100 Amps, the G Series has been used in diverse applications where robustness, servicability and ease of handling are important considerations. Primary uses include:-

- ▶ Manufacturing plant and machinery
- ▶ Railway track maintenance vehicles
- ▶ Welding equipment
- ▶ Switch cabinets in open cast mining

### Features

- ▶ Die cast aluminium housing
- ▶ Current rating to 100 A
- ▶ Bayonet connection
- ▶ Contact arrangement to 48 way
- ▶ Receptacle hinge cover version
- ▶ Meets IEC 61984
- ▶ SEV approval, Germanic Lloyd, mining approval

### Technical Data

Series	G18 / G28 / G42 / G57
Number of contacts	2 + PE ... 48 + PE
Rated current	up to 100 A
Rated voltage	25 V ... 500 V
Wire gauge	AWG 20 ... AWG 2
Terminal type	Crimp, solder, screw
Contact material	Copper alloy, silver plated
Test voltage	2,500 V
Temperature range	-25°C ... +100°C
Protection, IEC 60529	IP54 / IP67
Housing material	aluminium die-cast
Locking	Bayonet and Threaded coupling resp.