



# Shapes and Combination of Connectors

## Contact shapes

- There are two types of contacts incorporated into a connector male shape and female shape.

Pin ( male shape ) contact		M ( e.g. : PM , RM , AdM )
Socket ( female shape ) contact		F ( e.g. : PF , RF , AdF )

**< S Type >** A group of plugs with socket (female) contact incorporated and receptacles and adapters that couple with them.

### Shape

- Plugs with socket ( female ) contact incorporated ..... P , PF , LP , LPF , GP , GPF , SP , SPF , PFK
- Receptacles with pin ( male ) contact incorporated ..... R , RM , R kaku , CRM , RBM , RBP
- Adapters with pin ( male ) contact incorporated ..... Ad , AdM , Ad(F) , Ad(F)M , AdMK , Ad(F)MK , GAd , GAdM , GAd(F)M

**< G Type >** A group of plugs with pin ( male ) contact incorporated and receptacles and adapters that couple with them.

### Shape

- Plugs with pin ( male ) contact incorporated ..... PM , LPM , GPM , SPM , PMK
- Receptacles with socket ( female ) contact incorporated ..... RF , RF kaku , CRF , RBF
- Adapters with socket ( female ) contact incorporated ..... AdF , AdF(F) , Ad(F)F , AdFK , Ad(F)FK , GAdF , GAd(F)F

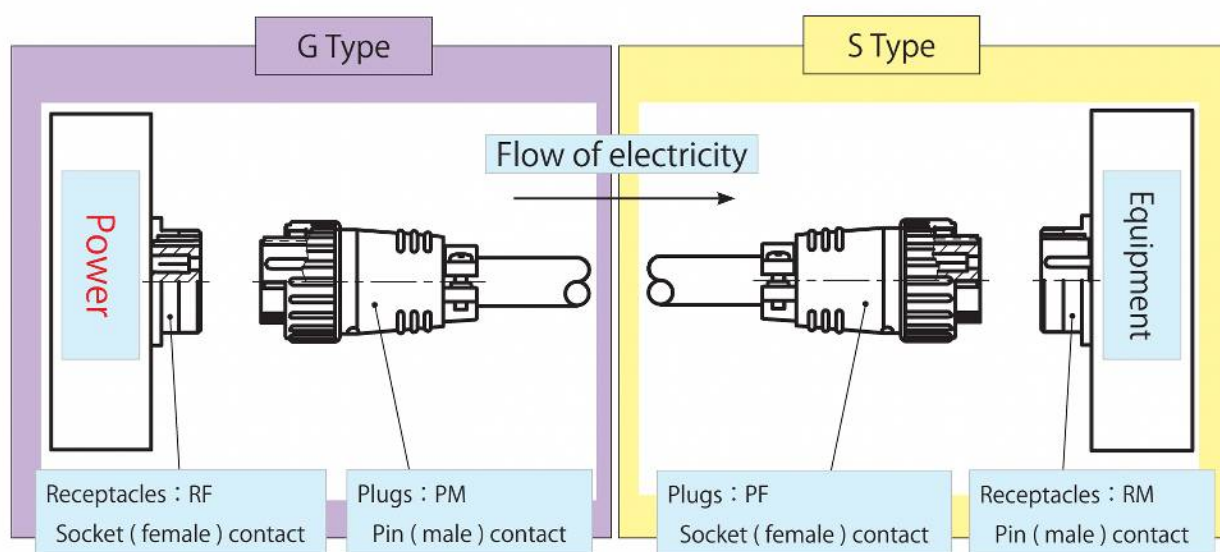
\* The S Type of [ NCS ] and [ NWPC ] Series in all shapes of PF , RM , AdM , etc. is indicated simply by P , R , Ad , etc. with the contact shape symbol omitted.

( Plugs : PF → P , Receptacles : RM → R , Adapters : AdM → Ad , Adapters with flange : AdM(F) → Ad(F) )

\* Only with [ NCS ] and [ NWPC ] Series, the adapters with flange are designated by the contact symbol placed before ( F ).

Example: AdF(F)

※ Caution: The S Type and the G Type cannot be coupled.



Inserting or pulling out the connector in conduction is very dangerous. Be sure to turn off the power in advance.



The pin contact type has an **exposed electrode**. If it is used on the [ power supply ] side, it may cause **electric shock** or **short-circuit accidents**. To prevent such accidents, use the socket contact type on the [ power supply ] side and the pin contact type on the [ equipment ] side.