

Datasheet

RS Pro Front Mount Socket 30A Circular Connector 21mm (Threaded) IP68 for Solder Termination

RS Stock No: 131-6366



Product Details

From RS Pro, these front mount connector sockets with threaded coupling are serious contenders for your high current industrial application. The high-quality circular connectors have a bigger and stronger shell.

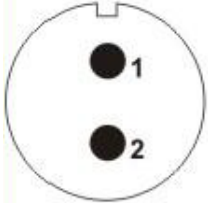

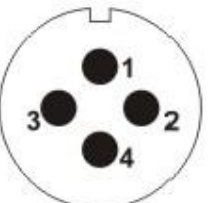
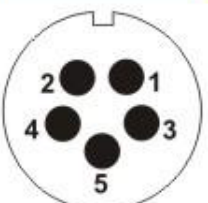

Certified with a waterproof IP68 rating, they excel in harsh environments. The front mount connectors can be used with cable connector plugs for cable-to-panel mount connections.

Material and Specifications:

| Product Type | Connector | Overmolded cable Assemblies |
|-----------------------------------|--|--|
| Coupling | Threaded Coupling | Threaded Coupling |
| Shell Material | Nylon66, Fire resistance: V-0 | PC,PVC,Fire Resistance:V-0, Locking nut Material:Anodized Aluminum |
| Insert Material | PPS Max Temperature 260C Fire resistance: V-0 | PPS Max Temperature 260C Fire resistance: V-0 |
| Contact Material | Brass with Gold plating | Brass with Gold plating |
| Termination | SP13:Solder, SP17:Solder/Crimp,SP21:solder/screw/crimp | |
| Cable outer Diameter Range | SP13 I: 4-6.5mm, SP13 II: 5-8,mm SP17: 6-10mm SP21 I: 4.5-7mm SP21 II:7-12mm | |
| IP Rating | IP68 | IP66 |
| Mating Cycle | >500 | >500 |
| Temperature Range | -25C~+85C | -20C~+85C |
| Insulation Resistance | 2000 | 2000 |



Contact Arrangement and Spec for Solder/Screw:

| Number of Contact | 2 | 3 | 4 | 5 | 5B |
|-------------------------------|---|---|--|---|---|
| Male Contact Face view |  |  |  |  |  |
| Rated Current(A) | 30A | 30A | 30A | 30A | 5A, 30A |
| Contact Diameter | ∅ 3X2 | ∅ 3X3 | ∅ 3X4 | ∅ 3X5 | ∅ 1X3 ∅ 3X2 |
| Termination | solder / screw | solder / screw | solder / screw | solder / screw | solder / screw |
| Rated Voltage (AC.V) | 500V | 500V | 500V | 500V | 500V |
| Test Voltage (AC.V) 1min | 1500V | 1500V | 1500V | 1500V | 1500V |
| Contact Resistance m | 1 | 1 | 1 | 1 | 5,1 |
| Wire Size _{mm2} /AWG | ≤4.17/11 | ≤4.17/11 | ≤4.17/11 | ≤4.17/11 | ≤0.785/18 ≤4.17/11 |