

Power connector(National grid standard)



power

Power connector

250V 20A

Technical characteristics

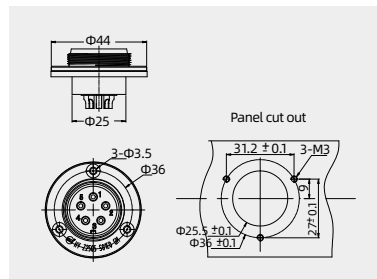
Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical properties	
Number of contacts	5	-Vibration	frequency 10~2000Hz, accelerated speed 147m/s ² , instant break ≤ 1us
Electrical properties		-Shock	accelerated speed 490m/s ² , instant break ≤ 1us
-Rated current	20A	-Mechanical working life	≥ 500
-Rated voltage	250V (AC)	-Lock mode	Thread locking
-Rated impulse voltage	2.0kV(normal temperature)	-Cable and outlet diameter	10.5mm
	1.0kV(muggy)	Environmental performance	
-Insulation resistance	≥ 2000MΩ(normal temperature)	-Relative humidity	90%~95% (40°C ± 2°C)
	≥ 50MΩ(muggy)	-Working temperature	-40°C—+105°C
-Contact resistance	≤ 2 mΩ	-Salt mist test requirements	5% NaCl neutral steady salt mist
-Welding wire specifications	Diameter φ1.8mm		96 h
Material and finish		-Degree of Protection	IP65
-Hoods/Housings	The copper alloy plating nickel		
-contact	Gold-plated copper alloy		
-Insulating material	Thermosets		

Remark: SPQ is 1pc

Solder terminal



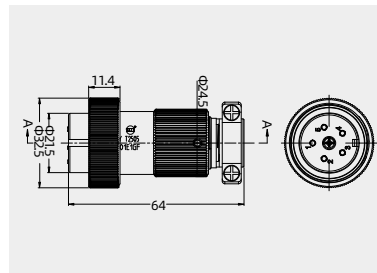
Insert	Designation	Order No.
Male	HY-Z2505-S01E0-GM	169 005 313 1001



Solder terminal



Insert	Designation	Order No.
Female	HY-T2505-S01E1-GF	169 005 423 1001



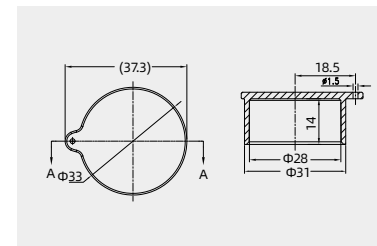
Accessories

Remark: SPQ is 1pc

Protection cover



Description	Designation	Order No.
for male	HY-Z25-CV	269 000 000 9001



Power connector

250V 40A

Technical characteristics

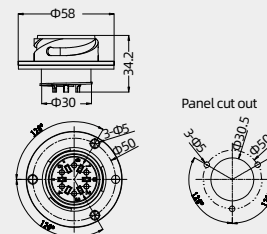
Specifications			
Specifications	DIN EN 60 664 DIN EN 61 984		
Approvals			
Electrical data		Mechanical properties	
Number of contacts	6(The open circuit)	-Vibration	frequency10~2000Hz,accelerated speed147m/s ² , instant break ≤ 1us
Electrical properties		-Shock	accelerated speed 490m/s ² , instant break ≤ 1us
-Rated current	40A	-Mechanical working life	≥ 500
-Rated voltage	250V (AC)	-Lock mode	Bayonet locking
-Rated impulse voltage	2kV	-Cable and outlet diameter	Φ13mm
-Insulation resistance	≥ 2000MΩ(normal temperature)	Environmental performance	
-Contact resistance	≤ 1mΩ	-Relative humidity	90%~95% (40°C ±2°C)
Material and finish		-Working temperature	-40°C—+105°C
-Hoods/Housings	The copper alloy plating nickel	-Salt mist test requirements	5% NaCl neutral steady salt mist
-contact	Gold-plated copper alloy		96 h
-Insulating material	PA	-Degree of Protection	IP65
-Sealing element	Silicone rubber、FKM		

Remark: SPQ is 1pc

Solder terminal



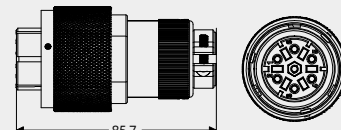
Insert	Designation	Order No.
Male	HY-PZ3006-S01E0-GM	169 006 313 1001



Solder terminal



Insert	Designation	Order No.
Female	HY-PT3006-S01E1-GF	169 006 423 1001



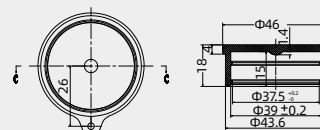
Accessories

Remark: SPQ is 1pc

Protection cover



Description	Designation	Order No.
for male	HY-Z30-CV	269 000 000 9002



Power connector

250V 13/20A

Technical characteristics

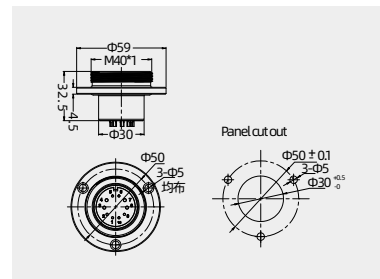
Specifications			
Specifications	DIN EN 60 664 DIN EN 61 984		
Approvals			
Electrical data		Mechanical properties	
Number of contacts	10(4+6)	-Vibration	frequency 10~2000Hz, accelerated speed 147m/s ² , instant break ≤ 1us
Electrical properties		-Shock	accelerated speed 490m/s ² , instant break ≤ 1us
-Rated current	6X $\phi 1.59$: 13A 4X $\phi 2$: 20A	-Mechanical working life	≥ 500
-Rated voltage	250V (AC)	-Lock mode	Thread locking
-Rated impulse voltage	2kV	-Cable and outlet diameter	$\phi 13$ mm
-Insulation resistance	≥ 2000M Ω (normal temperature)	Environmental performance	
-Contact resistance	$\phi 1.59$: ≤ 3 m Ω $\phi 2$: ≤ 2 m Ω	-Relative humidity	90%~95% (40°C ± 2°C)
-Welding wire specifications	Diameter $\phi 1.8$ mm	-Working temperature	-40°C~+105°C
Material and finish		-Salt mist test requirements	5% NaCl neutral steady salt mist 96 h
-Hoods/Housings	The copper alloy plating nickel	-Degree of Protection	IP65
-contact	Gold-plated copper alloy		
-Insulating material	Thermosets		

Remark: SPQ is 1pc

Solder terminal



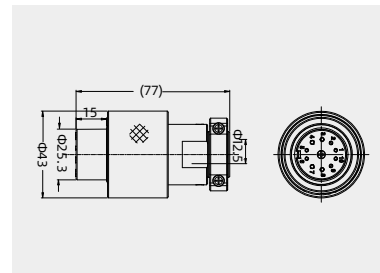
Insert	Designation	Order No.
Male	HY-Z3010-S01E0-GM	169 010 313 1001



Solder terminal



Insert	Designation	Order No.
Female	HY-T3010-S01E1-GF	169 010 423 1001



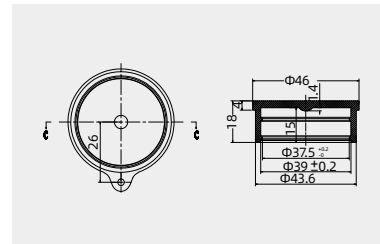
Accessories

Remark: SPQ is 1pc

Protection cover



Description	Designation	Order No.
for male	HY-Z30-CV	269 000 000 9002



Power connector

250V 20A

Technical characteristics

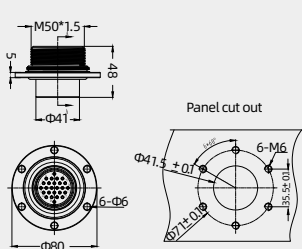
Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical properties	
Number of contacts	26	-Vibration	1frequency10~2000Hz,accelerated speed147m/s2, instant break ≤ 1us
Electrical properties		-Shock	accelerated speed 490m/s2, instant break ≤ 1us
-Rated current	20A	-Mechanical working life	≥ 500
-Rated voltage	250V (AC)	-Lock mode	Thread locking
-Rated impulse voltage	2kV	-Cable and outlet diameter	Cable duo2*12mm
-Insulation resistance	≥ 2000MΩ(normal temperature)	Environmental performance	
-Contact resistance	≤ 2mΩ	-Relative humidity	90%-95% (40°C ±2°C)
-Welding wire	Diameter φ1.8mm	-Working temperature	-40°C—+105°C
specifications		-Salt mist test requirements	5% NaCl neutral steady salt mist
Material and finish			96 h
-Hoods/Housings	The copper alloy plating nickel	-Degree of Protection	IP65
-contact	Gold-plated copper alloy		
-Insulating material	Thermosets		
-Insulating material	Silicone rubber, FKM		

Remark: SPQ is 1pc

Solder terminal



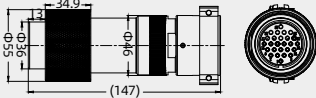
Insert	Designation	Order No.
Male	HY-Z4126-S01E0-GM	169 026 313 1001



Solder terminal



Insert	Designation	Order No.
Female	HY-T4126-S01E2/12-GF	169 026 423 1001



Ethernet-Power connector

Technical characteristics

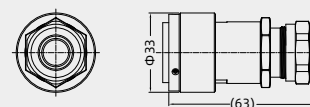
Specifications			
Specifications	DIN EN 60 664 DIN EN 61 984		
Approvals			
Electrical data		Mechanical properties	
Number of contacts	Two sides RJ-45/ 3pins	-Vibration	1frequency10~2000Hz,accelerated speed147m/s ² , instant break ≤ 1us
Electrical properties		-Shock	accelerated speed 490m/s ² , instant break ≤ 1us
-Rated current	-/1A	-Mechanical working life	≥ 500
-Rated voltage	-/220V(AC)	-Lock mode	Bayonet locking
-Rated impulse voltage	500V(AC)/1500V(AC)	-Cable and outlet diameter	Φ11.5 mm
-Insulation resistance	≥ 500MΩ(normal temperature)	Environmental performance	
-Contact resistance	≤ 20mΩ/ ≤ 7.5mΩ	-Relative humidity	90%~95% (40°C ±2°C)
-Wire splice	Power line: 1 mm ²	-Working temperature	-40°C—+105°C
specification	Reticle: 24 AWG	-Salt mist test requirements	5% NaCl neutral steady salt mist 96 h
Material and finish		-Degree of Protection	IP65
-Hoods/Housings	The copper alloy plating chromium		
-contact	Gold-plated copper alloy		
-Insulating material	Thermosets		

Remark: SPQ is 1pc

Solder terminal



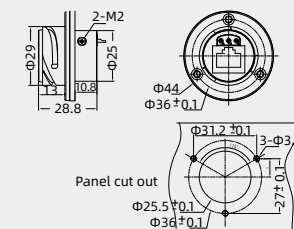
Insert	Designation	Order No.
Male	HY-ET2511-S02E1-GM	169 011 410 1001



Solder terminal



Insert	Designation	Order No.
Female	HY-EZ2511-S02E0-GF	169 011 323 1001



Accessories

Remark: SPQ is 1pc

Protection cover



Description	Designation	Order No.
for male	HY-Z25-CV	269 000 000 9001

