RS PRO

Features

- Bayonet Coupling
- IP67
- 2-5 Poles
- Plug & Socket Set
- Cable to Cable Connections

RS PRO SY11 In-Line Cable Mount Connector

RS Stock No.:

0304356
0304357
0304358
0304360

Image for representational purposes only

RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding. Making RS PRO the Smart Choice for our customers.

Product Description

The RS Pro SY11 series is a range of lightweight but robust waterproof connectors, which are sealed to IP67. Bayonet style coupling ensures a secure connection, even in the harshest environments. Plugs and receptacles are available with either male pins or female sockets. These products are ideal for use in outdoor applications where a secure, waterproof connection is required. Updated shell offering an improved seal, which increases reliability and durability.

General Specifications

Housing Material	PC, Nylon66, Fire Resistance: V-0
Size	SY11
Cable outer diameter range	4-6.5mm
Body Orientation	Straight
Colour	Black
Temperature Range	-40~ +85ºC
Mounting Type	In-Line Cable Mount
Mating Cycle	500
Application	Outdoor Lighting, LED Screens, Outdoor Security Cameras, and Industrial Control Systems.

Solder Contact Options

Electrical Specifications

RS Article Number (Set)	0304356		0304357	
RS Article Number (Individual)	SY1110/P2II-C-B-NP	SY1111C/S2II-C-B-NP	SY1110/P3II-C-B-NP	SY1111C/S3II-C-B-NP
Specification	2 Pin	2 Pin	3 Pin	3 Pin
Rated Current (A)	5	5	5	5
Contact Diameter (∅ mm)	1	1	1	1
Rated Voltage (AC.V)	180	180	180	180
Test Voltage (AV.V) 1 min	1000	1000	1000	1000
Contact Resistance (m Ω)	5	5	5	5
Wire Size (mm² / AWG)	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18
Contact Gender	**Male**	**Female**	**Male**	**Female**
Shell Type	**Plug**	**Receptacle**	**Plug**	**Receptacle**
Termination	Solder	Solder	Solder	Solder

RS Article Number (Set)	0304358		0304360	
RS Article Number (Individual)	SY1110/P4II-C-B-NP	SY1111C/S4II-C-B-NP	SY1110/P5II-C-B-NP	SY1111C/S5II-C-B-NP
Specification	4 Pin	4 Pin	5 Pin	5 Pin
Rated Current (A)	3	3	3	3
Contact Diameter (∅ mm)	0.7	0.7	0.7	0.7
Rated Voltage (AC.V)	125	125	125	125
Test Voltage (AV.V) 1 min	1000	1000	1000	1000
Contact Resistance (m Ω)	10	10	10	10
Wire Size (mm² / AWG)	≤0.5/20	≤0.5/20	≤0.5/20	≤0.5/20
Contact Gender	**Male**	**Female**	**Male**	**Female**
Shell Type	**Plug**	**Receptacle**	**Plug**	**Receptacle**
Termination	Solder	Solder	Solder	Solder

Protection Category

RS PRO

IP Rating	IP67

Dimensional Line Drawings
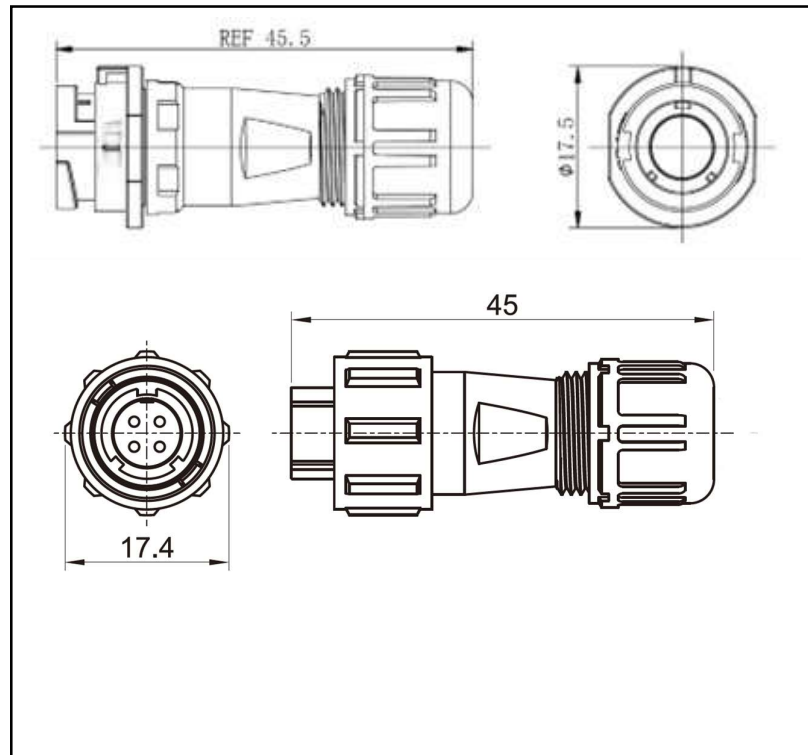
Connection Diagrams / Assembly Diagrams / Illustrations / Accessories