

# Product Range Overview

Sub-Series Name	PWE	PWF	PWG	PWC	PWCU
Mating Style	Screw Thread	Screw Thread	Screw Thread	Screw Thread & 2 Points Lock	Screw Thread & 2 Points Lock
Plastic Version	✓	✓	✓	✓	✓
No. of Contacts	5 ~ 7	2 ~ 4	4	3	4, 12
Plating of Contacts	Gold Plated	Gold Plated	Gold Plated	Gold Plated	Gold Plated
Operating Voltage	277V AC/DC	277V AC/DC	277V AC/DC	277V AC/DC	277V AC/DC
Current Rating	8A	12A	16A	20A	20A+2A
Operating Temperature	<ul style="list-style-type: none"> <li>• Receptacle : -40°C ~ 105°C</li> <li>• Overmolded with Cable : -20°C ~ 80°C</li> <li>• Field Installable : -40°C ~ 105°C</li> </ul>				
Fasten Style of Nut	Front	Front	Front	Front & Rear	Front & Rear
Receptacle	✓	✓	✓	✓	✓
Overmolded With Cable	✓	✓	✓	✓	✓
Field Installable	✓	✓	✓	✓	✓
Accessories	✓	✓	✓	✓	✓
Applicable Wire Gauge	20 ~ 17AWG (0.50 ~ 1.00mm <sup>2</sup> )	18 ~ 15AWG (0.75 ~ 1.62mm <sup>2</sup> )	18 ~ 14AWG (0.75 ~ 2.50mm <sup>2</sup> )	14 ~ 12AWG (2.50 ~ 4.00mm <sup>2</sup> )	14 ~ 12AWG (2.50 ~ 4.00mm <sup>2</sup> )
Mating Cycles	500 Cycles	500 Cycles	500 Cycles	500 Cycles	500 Cycles
IP Rating	Receptacle: <ul style="list-style-type: none"> <li>• IP67 (Unmated)</li> <li>• IP68 (Unmated, 1M / 24h)</li> </ul> Overmolded With Cable / Field Installable: <ul style="list-style-type: none"> <li>• IP67 (Unmated)</li> <li>• IP68 (Unmated, 1M / 24h)</li> </ul>				
Salt Spray	48h	48h	48h	48h	48h
UV Resistance	-	-	-	✓	✓
Flammability Rating	UL94V-0	UL94V-0	UL94V-0	UL94V-0	UL94V-0
Vibration	Frequency Range 10~55Hz / Amplitude 1.52mm				
RoHS 2.0 Compliance	✓	✓	✓	✓	✓
REACH Compliance	✓	✓	✓	✓	✓
Certificates	UL1977	UL1977	-	UL1977	UL1977

# Product Range Overview

PWH	PWL	PWM	PWMU	PWP	PWPD
2 Points Lock	3 Points Lock	3 Points Lock	3 Points Lock	3 Points Lock	3 Points Lock
✓	✓	✓	✓	✓	✓
3, 5	3	2	2+2	2, 3	2+2, 2+4, 3+2, 3+4
Gold Plated	Gold Plated	Gold Plated	Gold Plated	Gold Plated	Gold Plated
660V AC 1,000V DC	300V AC/DC	600V AC/DC	600V AC/DC	600V AC/DC	600V AC/DC
25A	30A	50A	50A+2A	80A	80A+5A

- Receptacle : -40°C ~ 105°C
- Overmolded with Cable : -20°C ~ 80°C
- Field Installable : -40°C ~ 105°C

- Receptacle : -40°C ~ 105°C
- Field Installable : -40°C ~ 105°C

Front	Front	Rear	Rear	Rear	Rear
✓	✓	✓	✓	✓	✓
-	-	-	-	-	-
✓	✓	✓	✓	✓	✓
✓	-	-	-	-	-
12AWG (4.00mm <sup>2</sup> )	14 ~ 8AWG (2.50 ~ 10.00mm <sup>2</sup> )	9 ~ 8AWG (6.50 ~ 10.00mm <sup>2</sup> ) 22 ~ 20AWG (0.34 ~ 0.50mm <sup>2</sup> )		4AWG (25.00mm <sup>2</sup> ) 20AWG (0.50mm <sup>2</sup> )	
500 Cycles	500 Cycles	500 Cycles	500 Cycles	500 Cycles	500 Cycles

#### Receptacle:

- IP67 (Unmated)
- IP68 (Unmated, 1M / 24h)

#### Overmolded With Cable / Field Installable:

- IP67 (Unmated)
- IP68 (Unmated, 1M / 24h)

- Receptacle: IP67 (Mated)
- Field Installable: IP67 (Mated)

48h	48h	48h	48h	720h (Mated)	720h (Mated)
✓	✓	✓	✓	✓	✓
UL94V-0	UL94V-0	UL94V-0	UL94V-0	UL94V-0	UL94V-0

Frequency Range 10 ~ 55Hz / Amplitude 1.52mm

✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
UL1977	UL1977	UL1977	UL1977	UL1977	UL1977