

# IP Protection Classes



## PROTECTION CLASSES

## UL LISTING

### IP20

Protection against ingress of solid objects greater than 12 mm. No protection against water.

DAMP

### IP40

Protection against ingress of solid objects greater than 1 mm. No protection against water.

DAMP

### IP41

Protection against ingress of solid objects greater than 1 mm and vertically falling water drops.

DAMP

### IP43

Protection against solid objects greater than 1 mm. Protection against spraying water.

WET

### IP44

Protection against solid objects greater than 1 mm. Protection against splashing water.

WET

### IP54

Dust-protected.  
Protection against splashing water.

WET

### IP55

Dust-protected.  
Protection against water jets.

WET

### IP64

Dust-tight.  
Protection against splashing water.

WET

### IP65

Dust-tight.  
Protection against water jets.

WET

### IP67

Dust-tight.  
Protection against the effects of temporary submersion.

WET / TEMPORARY SUBMERSION