

# 38999 Power Safe

## Features and Benefits

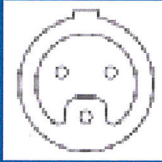
- User safety
- First-to-mate earth contact linked to the shell
- First-to-break pilot contact for mating and unmating without power
- Earthing continuity from receptacle to plug through grounding fingers
- 38999 III front and rear interfaces
- Same panel drilling as standard 38999 III
- Same environmental characteristics as standard 38999 III
- Crimp, removable contacts :



Contact size	Contact rating (A)	AWG cable gauges
20	7.5	20, 22, 24
16	13	16, 18, 20
12	23	12, 14
6	60	6

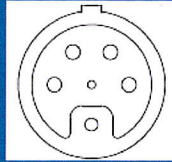
The 38999 Power Safe connectors are designed to transmit high power with voltages over 230 V. Those connectors are directly derived from MIL-DTL-38999 III standard.

## Insert arrangements



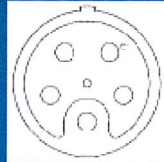
### 13-M3

2 x 13 A  
+ 1 earth (13 A)



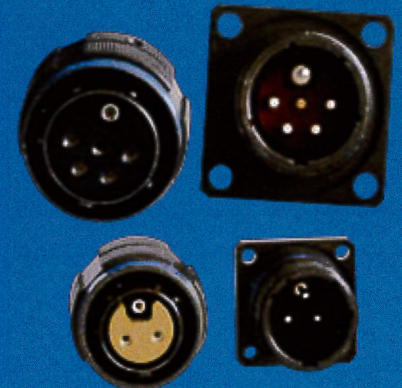
### 17-M6

4 x 23 A  
+ 1 earth (23 A)  
+ 1 pilot (7.5 A)



### 25-M6

4 x 60 A  
+ 1 earth (60 A)  
+ 1 pilot (7.5 A)



## HOW TO ORDER

Series	TV	P00	RW	13 M3	P	A
<b>Shell type</b>						
Square flange receptacle : 175°C (O.D. cadmium): <b>P00</b> 200°C (nickel) : <b>PS00</b>						
Jam nut receptacle : 175°C (O.D. cadmium): <b>07</b> 200°C (nickel) : <b>S07</b>						
Straight plug : 175°C (O.D. cadmium): <b>06</b> 200°C (nickel) : <b>S06</b>						
<b>Shell material, finish and contact type</b>						
<b>Aluminium</b>						
RW : Olive drab cadmium plated 175°C, crimp contacts						
RF : Electroless nickel plated 200°C, crimp contacts						
<b>Shell size &amp; Contacts arrangement</b>						
13-M3						
17-M6						
25-M6						
<b>Contact type</b>						
P : Pin						
S : Socket						
<b>Polarization</b>						
Blank for normal or A, B, C, D, E.						