



## HD30 Series Plugs

Size 24 Shell

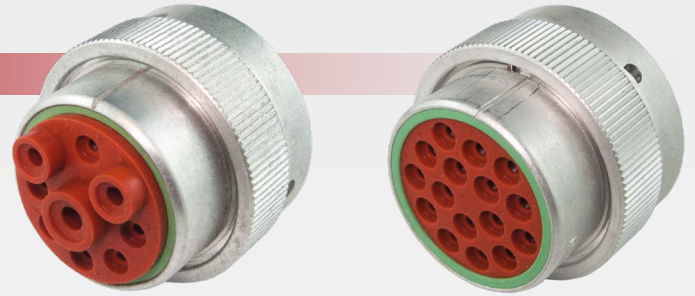
www.te.com



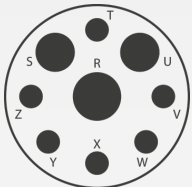
### DESCRIPTION

These industry proven connectors are environmentally sealed to IP67 standards with a -50°C to 125°C operating temperature & heavy duty aluminium housing.

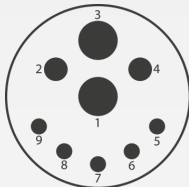
Specifically designed for the truck, mining and construction industry.



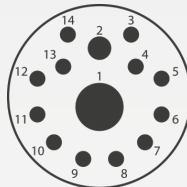
### CONFIGURATIONS



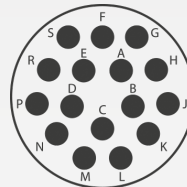
**24-9**  
1 x size 4,  
2 x size 8,  
6 x size 12



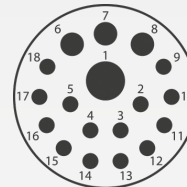
**24-91**  
2 x size 8,  
2 x size 12,  
5 x size 16



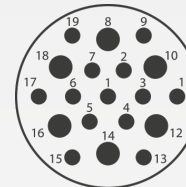
**24-14**  
1 x size 4,  
1 x size 12,  
12 x size 16



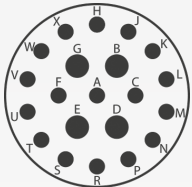
**24-16**  
16 x size 12



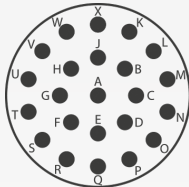
**24-18**  
1 x size 8,  
3 x size 12,  
14 x size 16



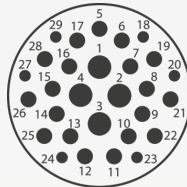
**24-19**  
6 x size 12,  
13 x size 16



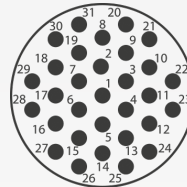
**24-21**  
4 x size 12,  
17 x size 16



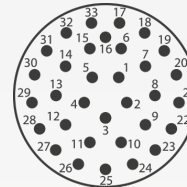
**24-23**  
23 x size 16



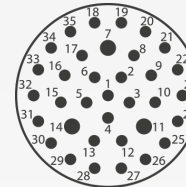
**24-29**  
4 x size 12,  
19 x size 16,  
6 x size 20



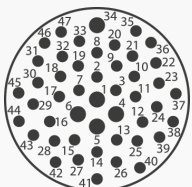
**24-31**  
31 x size 16



**24-33**  
33 x size 20



**24-35**  
3 x size 16,  
32 x size 20



**24-47**  
5 x size 16,  
42 x size 20

#### Amperage Rating:

- Size 20 - 7.5A
- Size 16 - 13A
- Size 12 - 25A
- Size 8 - 60A
- Size 4 - 100A

#### Part Numbering System

**HD 36 - 18 - 8 S N - 059**

Deutsch heavy duty aluminium connector

HD

Deutsch heavy duty plastic connector

HDP

HD30 series receptacle

34

HD30 series plug

36

Shell size 18

Shell size 24

Insert arrangement / number of cavities

Takes pins P

S Takes sockets

Blank No modification

059 Comes with threaded adapter & cable clamp assembly

**N** Green Ring - Normal  
For use with standard insulation wire.



**T** Grey Ring - Thin  
Designed specifically for thin wall wire.



**E** Blue Ring - Extra Thin  
Designed specifically for extra thin wall wire.



**PART NUMBERS**

Part Number.	Ring Type	Connector	Descriptions
HD36-24-9PN	• Green Ring	• Pins	• 9 circuit plug. Take pins: 1 x size 4, 2 x size 8 & 6 x size 12
HD36-24-9SN	• Green Ring	• Sockets	• 9 circuit plug. Take sockets: 1 x size 4, 2 x size 8 & 6 x size 12
HD36-24-14PN	• Green Ring	• Pins	• 14 circuit plug. Take pins: 1 x size 4, 1 x size 12 & 12 x size 16
HD36-24-14SN	• Green Ring	• Sockets	• 14 circuit plug. Take sockets: 1 x size 4, 1 x size 12 & 12 x size 16
HD36-24-16PN	• Green Ring	• Pins	• 16 circuit plug. Take pins: 16 x size 12
HD36-24-16SN	• Green Ring	• Sockets	• 16 circuit plug. Take sockets: 16 x size 12
HD36-24-18PE	• Blue Ring	• Pins	• 18 circuit plug. Take pins: 1 x size 8, 3 x size 12, 14 x size 16. For extra thin wall wire insulation
HD36-24-18SN	• Green Ring	• Sockets	• 18 circuit plug. Take sockets: 1 x size 8, 3 x size 12, 14 x size 16
HD36-24-19PE	• Blue Ring	• Pins	• 19 circuit plug. Take pins: 6 x size 12, 13 x size 16. For extra thin wall wire insulation
HD36-24-19SE	• Blue Ring	• Sockets	• 19 circuit plug. Take sockets: 6 x size 12 & 13 size 16. For extra thin wall wire insulation
HD36-24-21PN	• Green Ring	• Pins	• 21 circuit plug. Take pins: 4 x size 12 & 17 size 16
HD36-24-21SE	• Blue Ring	• Sockets	• 21 circuit plug. Take sockets: 4 x size 12 & 17 size 16. For extra thin wall wire insulation
HD36-24-21SN	• Green Ring	• Sockets	• 21 circuit plug. Take sockets: 4 x size 12 & 17 size 16
HD36-24-23PE	• Blue Ring	• Pins	• 23 circuit plug. Take pins: 23 x size 16. For extra thin wall wire insulation
HD36-24-23PN	• Green Ring	• Pins	• 23 circuit plug. Take pins: 23 x size 16
HD36-24-23SE	• Blue Ring	• Sockets	• 23 circuit plug. Take sockets: 23 x size 16. For extra thin wall wire insulation
HD36-24-23SN	• Green Ring	• Sockets	• 23 circuit plug. Take sockets: 23 x size 16
HD36-24-29PE	• Blue Ring	• Pins	• 29 circuit plug. Take pins: 4 x size 12, 19 x size 16 & 6 x size 20. For extra thin wall wire insulation
HD36-24-29SE	• Blue Ring	• Sockets	• 29 circuit plug. Take sockets: 4 x size 12, 19 x size 16 & 6 x size 20. For extra thin wall wire insulation
HD36-24-31PT	• Grey Ring	• Pins	• 31 circuit plug. Take pins: 31 x size 16. For thin wall wire insulation
HD36-24-31SE	• Blue Ring	• Sockets	• 31 circuit plug. Take sockets: 31 x size 16. For extra thin wall wire insulation
HD36-24-31ST	• Grey Ring	• Sockets	• 31 circuit plug. Take sockets: 31 x size 16. For thin wall wire insulation
HD36-24-35PN	• Green Ring	• Pins	• 35 circuit plug. Take pins: 3 x size 16 & 32 size 20
HD36-24-35SN	• Green Ring	• Sockets	• 35 circuit plug. Take sockets: 3 x size 16 & 32 size 20
HD36-24-47PE	• Blue Ring	• Pins	• 47 circuit plug. Take pins: 5 x size 16, 42 size 20. For extra thing wall wire insulation
HD36-24-47SE	• Blue Ring	• Sockets	• 47 circuit plug. Take sockets: 5 x size 16, 42 size 20. For extra thing wall wire insulation