



HD30 Series Receptacles

Size 24 Shell

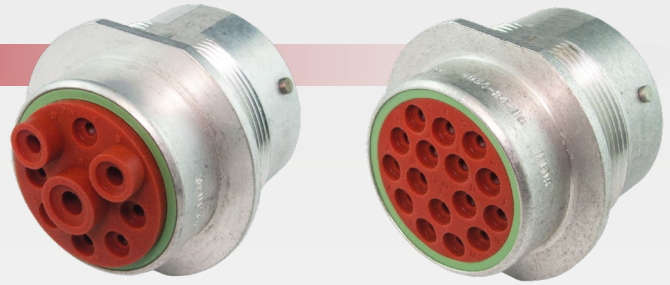
www.te.com



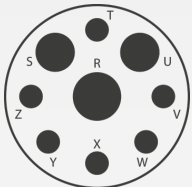
DESCRIPTION

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

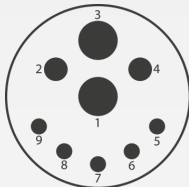
Specifically designed for the truck, mining and construction industry.



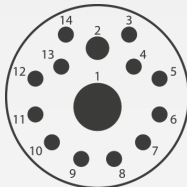
CONFIGURATIONS



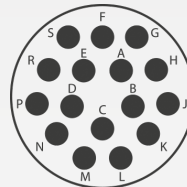
24-9
1 x size 4,
2 x size 8,
6 x size 12



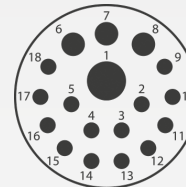
24-91
2 x size 8,
2 x size 12,
5 x size 16



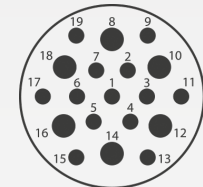
24-14
1 x size 4,
1 x size 12,
12 x size 16



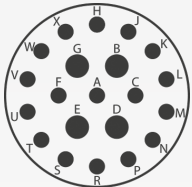
24-16
16 x size 12



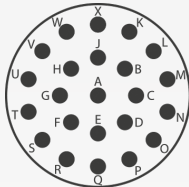
24-18
1 x size 8,
3 x size 12,
14 x size 16



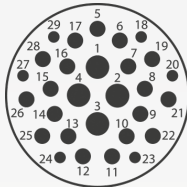
24-19
6 x size 12,
13 x size 16



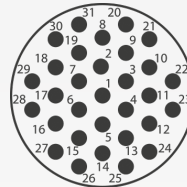
24-21
4 x size 12,
17 x size 16



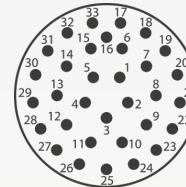
24-23
23 x size 16



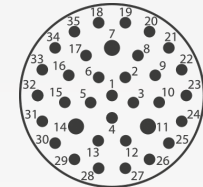
24-29
4 x size 12,
19 x size 16,
6 x size 20



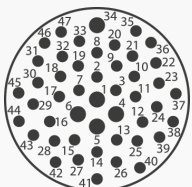
24-31
31 x size 16



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
HD34-24-9PN	• Green Ring	• Pins	• 9 circuit receptacle. Take pins: 1 x size 4, 2 x size 8 & 6 x size 12
HD34-24-9SN	• Green Ring	• Sockets	• 9 circuit receptacle. Take sockets: 1 x size 4, 2 x size 8 & 6 x size 12
HD34-24-14PN	• Green Ring	• Pins	• 14 circuit receptacle. Take pins: 1 x size 4, 1 x size 12 & 12 x size 16
HD34-24-14SN	• Green Ring	• Sockets	• 14 circuit receptacle. Take sockets: 1 x size 4, 1 x size 12 & 12 x size 16
HD34-24-16PN	• Green Ring	• Pins	• 16 circuit receptacle. Take pins: 16 x size 12
HD34-24-16SN	• Green Ring	• Sockets	• 16 circuit receptacle. Take sockets: 16 x size 12
HD34-24-18PN	• Green Ring	• Pins	• 18 circuit receptacle. Take pins: 1 x size 8, 3 x size 12, 14 x size 16
HD34-24-18SE	• Blue Ring	• Sockets	• 18 circuit receptacle. Take pins: 1 x size 8, 3 x size 12, 14 x size 16. For extra thin wall wire insulation
HD34-24-19PE	• Blue Ring	• Pins	• 19 circuit receptacle. Take pins: 6 x size 12, 13 x size 16. For extra thin wall wire insulation
HD34-24-19PN	• Green Ring	• Pins	• 19 circuit receptacle. Take pins: 6 x size 12 & 13 size 16
HD34-24-19SE	• Blue Ring	• Sockets	• 19 circuit receptacle. Take pins: 6 x size 12 & 13 size 16. For extra thin wall wire insulation
HD34-24-21PE	• Blue Ring	• Pins	• 21 circuit receptacle. Take sockets: 4 x size 12 & 17 size 16. For extra thin wall wire insulation
HD34-24-21PN	• Green Ring	• Pins	• 21 circuit receptacle. Take pins: 4 x size 12 & 17 size 16
HD34-24-21SN	• Green Ring	• Sockets	• 21 circuit receptacle. Take sockets: 4 x size 12 & 17 size 16
HD34-24-23PE	• Blue Ring	• Pins	• 23 circuit receptacle. Take pins: 23 x size 16. For extra thin wall wire insulation
HD34-24-23PN	• Green Ring	• Pins	• 23 circuit receptacle. Take pins: 23 x size 16.
HD34-24-23PT	• Grey Ring	• Pins	• 23 circuit receptacle. Take pins: 23 x size 16. For thin wall wire insulation
HD34-24-23SN	• Green Ring	• Sockets	• 23 circuit receptacle. Take sockets: 23 x size 16
HD34-24-23ST	• Grey Ring	• Sockets	• 23 circuit receptacle. Take sockets: 23 x size 16. For thin wall wire insulation
HD34-24-29PE	• Blue Ring	• Pins	• 29 circuit receptacle. Take pins: 4 x size 12, 19 x size 16 & 6 x size 20. For extra thin wall wire insulation
HD34-24-29SE	• Blue Ring	• Sockets	• 29 circuit receptacle. Take sockets: 4 x size 12, 19 x size 16 & 6 x size 20. For extra thin wall wire insulation
HD34-24-31PE	• Blue Ring	• Pins	• 31 circuit receptacle. Take sockets: 31 x size 16. For extra thin wall wire insulation
HD34-24-31PT	• Grey Ring	• Pins	• 31 circuit receptacle. Take pins: 31 x size 16. For thin wall wire insulation
HD34-24-31ST	• Grey Ring	• Sockets	• 31 circuit receptacle. Take sockets: 31 x size 16. For thin wall wire insulation
HD34-24-33SN	• Green Ring	• Sockets	• 33 circuit receptacle. Take sockets: 33 x size 20.
HD34-24-35PN	• Green Ring	• Pins	• 35 circuit receptacle. Take pins: 3 x size 16 & 32 x size 20.
HD34-24-35SN	• Green Ring	• Sockets	• 35 circuit receptacle. Take sockets: 3 x size 16 & 32 x size 20.
HD34-24-47PE	• Blue Ring	• Pins	• 47 circuit receptacle. Take pins: 5 x size 16 & 42 x size 20. For extra thin wall wire insulation
HD34-24-47SE	• Blue Ring	• Sockets	• 47 circuit receptacle. Take sockets: 5 x size 16 & 42 x size 20. For extra thin wall wire insulation