



Product Applications

Component-to-wire connectors **FCI**

DCS-1



Terminal System Overview



Housing Overview

2, 3 and 4 way female sealed housings for 2.8 mm terminals

Features

- Single row 5 mm pitch
- Flat interface seal
- Waterproof application with single wire seal
- Additional terminal locking device pre-assembled on front part of the housing
- Metal locking feature
- Mechanical polarization
- Several colour codings available



Performance characteristics

- Temperature range: from -40° C to +125° C
- Contact retention force: > 80 N
- Contact insertion force: < 20 N
- Connector mating force: < 50 N
- Sealing protection: IP 67
- Acceptable wire range: from 0.35 to 1.5 mm²

Construction

- Housing material: PBT
- Flat interface seal: Silicone

Tooling

- T.P.A. removal tool: 6 590 0000
- Terminal removal tool: 6 590 1800

Connector compatibility

- Usable terminals:
 - DCS-1 2.8 mm female terminals (standard version)
 - DCS-1 2.8 mm female terminals (power version)

Overview of DCS housings

Part Numbers	No. of position	Terminal size	Type	Colour
240 PC02S2004	2	2.8 mm	Female housing	Red
240 PC04S1004	2	2.8 mm	Female housing	Brown
240 PC02S9004	2	2.8 mm	Female housing	White
240 PC02S5004	2	2.8 mm	Female housing	Green
240 PC02S6004	2	2.8 mm	Female housing	Blue
240 PC02S8004	2	2.8 mm	Female housing	Grey
240 PC02S4004	2	2.8 mm	Female housing	Yellow
240 PC03S0005	3	2.8 mm	Female housing	Black
240 PC03S1005	3	2.8 mm	Female housing	Brown
240 PC03S5005	3	2.8 mm	Female housing	Green
240 PC03S6005	3	2.8 mm	Female housing	Blue
240 PC03S8005	3	2.8 mm	Female housing	Grey
240 PC03S9005	3	2.8 mm	Female housing	White
240 PC04S0007	4	2.8 mm	Female housing	Black
240 PC04S1007	4	2.8 mm	Female housing	Brown
240 PC04S8007	4	2.8 mm	Female housing	Grey
6 040 30 01 or 240 PC02S0006	2	2.8 mm	Female housing	Black



Table of Content



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Dimensional characteristics



Housing Overview

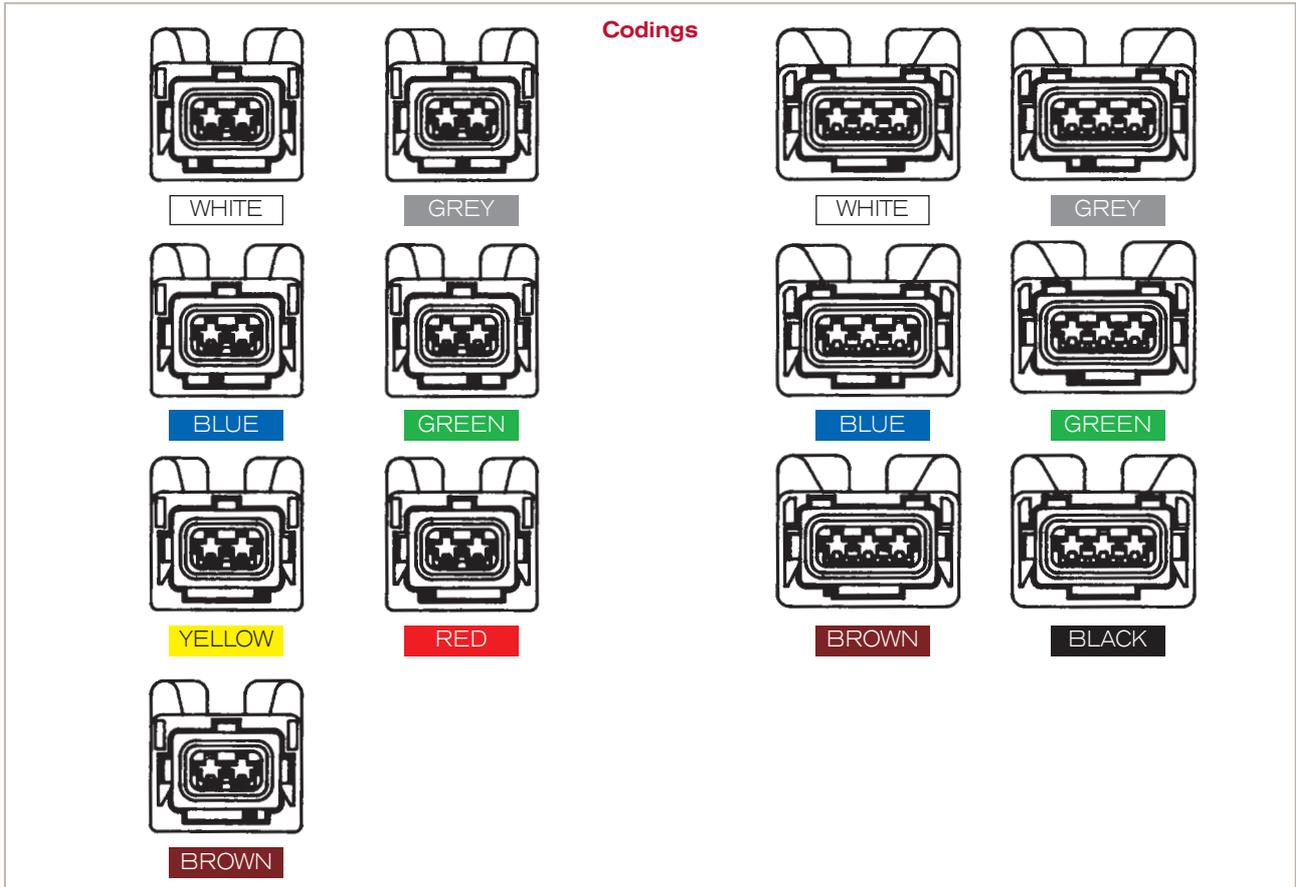
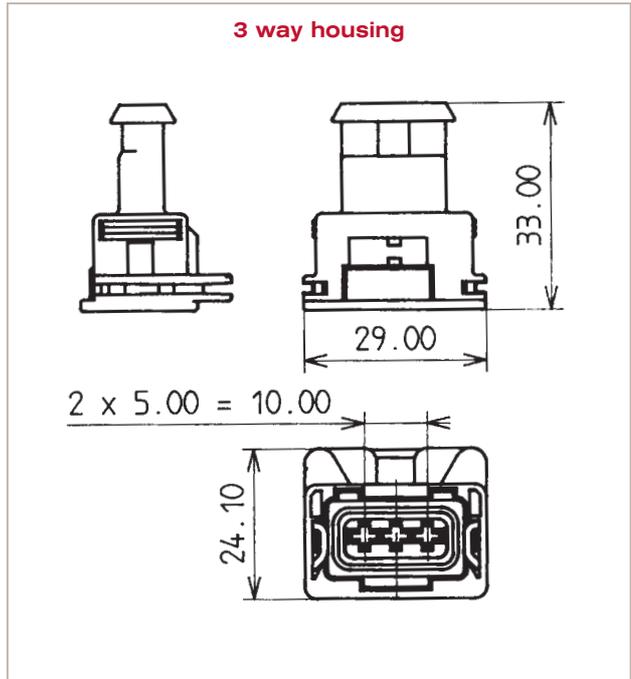
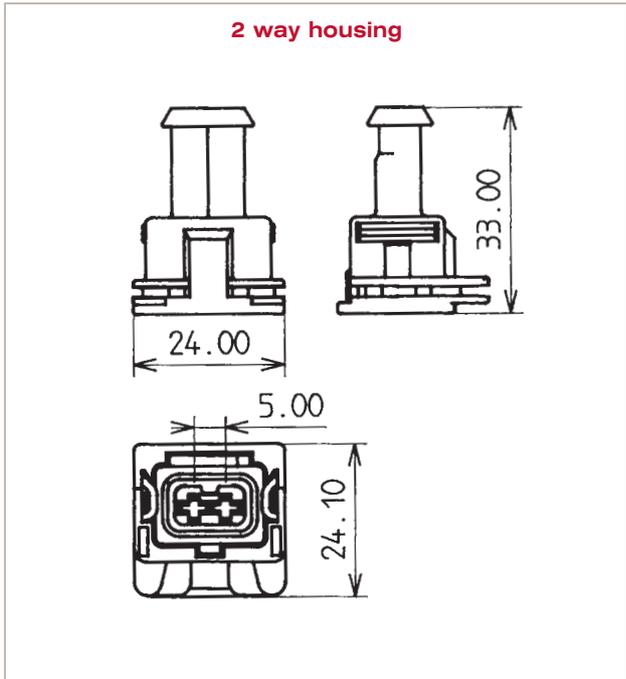


Table of Content