



Product Applications



Terminal System Overview



Housing Overview

# Sealed relay sockets

## DCS-1



### 7 & 8 sealed relay sockets for 2.8 + 6.3 + 9.5 mm terminals

#### Features

- 4-5-7 and 8 position housings available
- Waterproof application with single wire seal
- Circumferential interface seal
- Additional terminal locking device pre-assembled on front part of the housing
- Plastic locking feature
- Mechanical polarization
- Several colours available



#### Performance characteristics

- Temperature range: from -40° C to +120° C
- Contact retention force: > 80 N
- Contact insertion force: < 20 N for DCS-1 standard version < 15 N for DCS-1 box version
- Connector mating force: < 160 N
- Sealing protection: IP 67
- Acceptable wire range: from 0.35 to 10 mm<sup>2</sup>

#### Construction

- Housing material: PBT
- Circumferential seal: Silicone

#### Tooling

- Front device removal tool: Consult us
- Terminal removal tool: Consult us

#### Connector compatibility

- Usable terminals :
  - DCS-1 2.8 mm female terminals (standard & power version)
  - DCS-1 2.8 mm female terminals (box version)
  - DCS-1 6.3 mm female terminals
  - DCS-1 9.5 mm female terminals

#### Overview of DCS housings

Part Numbers	No. of position	Terminal size	Type	Colour
6 043 01 31	7	6.3 mm		Black
6 043 01 21	4 (7)	6.3 mm	Cavity 4, 6 & 7 blocked	Black
6 043 01 41	5 (7)	6.3 mm	Cavity 6 & 7 blocked	Black
6 043 10 11	8	4 x [2.8 mm] + 2 x [6.3 mm] + 2 x [9.5 mm]		Black



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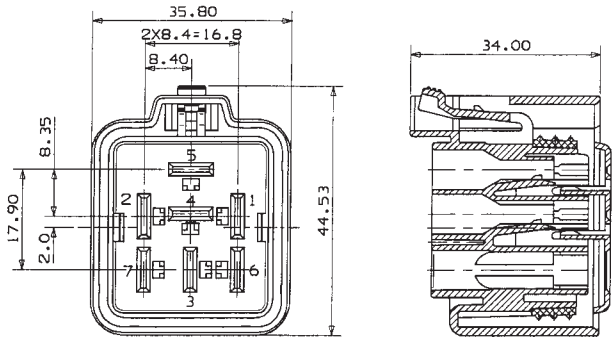


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### Dimensional characteristics

Notes:

#### 4 (7) way relay sockets



#### 8 way relay sockets

