

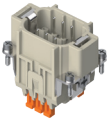
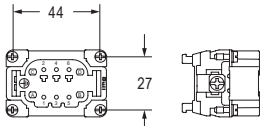
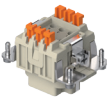
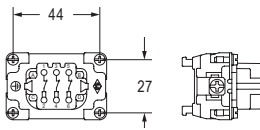


CDSH 06 NC

6 A 250 Vsize **44.27****6 poles + $\oplus$** **Tool-less connection – SQUICH®**

EN 61984 rating	6 A 250 V 4 kV 3
	6 A 500 V 4 kV 2
	10 A with connector mated
Rated voltage (UL / CSA)	600 V
Insulation resistance	$\geq 10 \text{ G}\Omega$
Contact resistance	$\leq 3 \text{ m}\Omega$
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 500

CE UK EAC**CALUS** ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension
	Male inserts with male contacts Spring clamp connections, with actuator button NC: Normally Closed	CDSHM 06 NC	
	Female inserts with NC shorting contacts Spring clamp connections, with actuator button NC: Normally Closed	CDSHF 06 NC	

Materials

Insert	polycarbonate (PC)
UL 94 flame rating	V-0
Colour	pebble grey, RAL 7032
Contacts	built-in, copper alloy, silver $\bullet$ plated

Wiring information

Wires cross sectional area	
- unprepared	0,14 mm ² - 2,5 mm ² (AWG 26-14)
- prepared	up to 1,5 mm ² (AWG 16)
Stripping length	9...11 mm

**CR CDS**
Coding pins
Page G.10**Enclosures size 44.27****Pages****Heavy-Duty Applications**

Metallic with C-TYPE lever	E.48-53
Metallic with IL-BRID lever	E.90-91,104
Metallic with JEI®-P lever	E.112,119
Metallic with V-TYPE IP67 lever	E.124,128-129
Thermoplastic T-TYPE	E.226-227,234-235

Aggressive Environments

Metallic IP68 high protection	E.142-143
Metallic W-TYPE	E.154-155,162
Metallic E-Xtreme®	E.174-175,182-183,194
Thermoplastic T-TYPE/W	E.226-227,234-235

Specialized Applications

EMC (Electromagnetic Shielding)	E.208-209,216
Hygienic series for food and beverage	E.244,248
Standard applications with Central lever	E.254-255
BIG Enclosures for multiple cable entries	E.268,272-273
COB system for switch cabinet	E.286-289
Light and Sound applications with JEI®-P lever	E.296-297

The diagrams 1. and 2. below show the maximum current-carrying capacity:

1. AutoShort female connector uncoupled, with the three NC contacts that short circuit the individual circuits upstream wired in series on each contact pair. In this condition, the AutoShort connector can be loaded up to 6 A. For this maximum current it can be wired from 0,75 mm² / 18 AWG through 2,5 mm² / 14 AWG with no significant performance differences;
2. AutoShort female connector coupled to the male AutoShort connector (NC contacts open).

CDSH 06 NC inserts max. current load derating diagrams 1. and 2.