



THORNE &  
**DERRICK**  
INTERNATIONAL

Thorne & Derrick  
+44 (0) 191 410 4292  
www.heatingandprocess.com

# DS4

## HIGH-CURRENT CONNECTORS 400 A / 1 000 V

- ▶ UP TO 400 A / 1 000 V
- ▶ 2 PILOT CONTACTS AS STANDARD (REQUIRED)
- ▶ ELECTRICAL LOCKING SYSTEM
- ▶ INSERTION MECHANISM

The DS4 socket-outlets offer a compact solution for connections up to 400 A / 1000 V. The silver butt-contact system offers perfect current conductivity. The robust metal enclosure ensures a safe and reliable operation, even under harsh conditions. The DS4 is equipped, in standard version, with an easy inlet closing device made of stainless steel.

The DS4 socket outlets are especially suitable for the following applications: connection of drilling equipments and tunnel boring machines, cranes (e.g. in harbours), generators, quarries, large switchracks and switchboards...

### INFO +

#### DS4 boxes / 400 A up to 1000 V

The DS4 is also available as a complete box, equipped with a contactor, LED signal lights and ON/OFF emergency pushbutton. Please contact us for Part Numbers.





## MAIN FEATURES

Rated current (with wiring according to standard)	400 A	Flexible wiring (min-max)	95 - 150 mm <sup>2</sup>
Maximum voltage	1000 V	Stranded wiring (min-max)	95 - 185 mm <sup>2</sup>
Protection	IP54 (IP66/IP67 optional)	Connectors without breaking capacity	
Shock resistance	IK09	Pilot contacts for electrical interlock	2
Ambient temperature	-40 °C to +60 °C	Mechanical interlock	as standard
Keying positions	12	Inlet closing device in stainless steel	as standard

**SOCKET-OUTLET**  
female  
**DS4 (400 A)**



**INLET** male  
**DS4 (400 A)**



Voltage 50 Hz	Polarity	Part no.	Part no.
380-440 V	3P+E+ 2pil.	3944013172	3948013172
1000 V	3P+E+ 2pil.	3944223172	3948223172

**WALL BOX**  
Cable gland included



Wall box 70° SS

**SLEEVE\***



Inclined 60° metal

**HANDLE**



Straight metal  
with cable gland

35-48,5 mm	394A02563M	394A02768	53-57 mm	394A91557
48-65 mm	394A02575M		58-62 mm	394A91562
			62-68 mm	394A91568
			69-73 mm	394A91573

\* If the socket-outlet and the inlet are mounted directly on a panel, a spacer should be used (see accessories & options)

## ACCESSORIES & OPTIONS

Inlet cap	312A126
IP66/IP67 (socket & inlet)	Contact us
Spacer (68 mm)	394A12768
Spacer (115 mm)	394A127115



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