

TYPICAL CONFIGURATION



WALL MOUNTING SOCKET DSN24c



PLUG DSN24c



Wall box poly 70°
51BA058



Socket-outlet
61B4002



Straight handle poly
613A013



Inlet
61B8002

ELECTRICAL FEATURES

Maximum voltage	480 V
Impulse withstand voltage	5 kV / Pollution degree 3
Contact resistance	< 2mΩ
Permitted current range	4-20 mA / 16 A
Rated current percontact (max)	16 A
Total current carried	≤ 230 A
Flexible wiring (min-max)	1 - 2,5 mm ²
Wiring (terminals)	crimping
Keying positions	1

CLIMATIC FEATURES

Ambient temperature	-40 °C to +60 °C
IP protection connected plug	IP66/IP67
IP protection lid closed	IP66/IP67
Salt, Fog performance	200 hrs minimum connected
Resistance to fluids	Motor oils, petrol, fats, detergents...

MECHANICAL FEATURES

Butt contacts	Female contacts: copper alloy silver plated / Male contacts: Silver-nickel tips
Contact protection	Silvering
Load cycles	More than 5000 cycles
Shock resistance	IK08
Vibration	Frequency 5-1000 Hz, 1g / (90 minutes on each critical frequency) according to IEC 6068-2-6

SOCKET-
OUTLET female
DSN24c (16 A)



INLET male
DSN24c (16 A)



Umax	Contacts	Part no.	Part no.
480 V	24 contacts	61B4002	61B8002

Each product is supplied with 2 bags of 13 contacts depending on the maximum configuration.
This allows you to set up the product to suit your needs.

BAG OF 13 CONTACTS (SUPPLIED WITH INSULATION SLEEVES AND FERRULES)

Female socket-outlet Part Number	01AA213
Male inlet Part Number	61CA113



**THORNE &
DERRICK
INTERNATIONAL**

Thorne & Derrick
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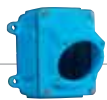
MULTI

BOXES

Cable gland
not included



Wall box
poly 30°



Wall box metal +
inclined poly 30°



Wall box metal +
straight metal
sleeve



Wall box poly +
inclined poly 70°

Entry				
M20	613A053	613A653	693A095	Not drilled and without cable gland Part no. 51BA058
M25	613A083	613A653418	693A095418	
M32		613A653419	693A095419	
M40		613A653420	693A095420	

SLEEVES



Inclined
poly 30°

613A027



Inclined
poly 70°

51BA757



Straight
metal

693A127

HANDLES



Straight poly



Straight poly with
poly cable gland



Straight metal
with metal cable
gland



Straight poly
without cable
gland with metric
threaded entry

5-21 mm	613A013	5-12 mm	613A753	7-13 mm	613A963	M20	613A253417
		9-18 mm	613A25325P	8-16 mm	613A95325M	M25	613A253418
		14-25 mm	613A25332P			M32	613A253419
		18-32 mm	613A25340P			M40	613A253420

ACCESSORIES & OPTIONS

Locking with shaft for 3 padlocks
ø 4 mm (padlocks not supplied)

Socket no. + 844

Locking with shaft for 2 padlocks
ø 8 mm (padlocks not supplied)

Socket no. + Z1646

Lockable plug: contact us

E-Stop button

Socket no. + 453

Inlet cap

613A426

Closing mechanism (in-line connections)
(a pair of finger draw plates)

613A346

180° opening lid

Self-returning lid

180° opening and self-returning lid

Socket no. + 10

Socket no. + R

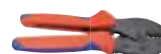
Socket no. + 18



ACCESSORIES & OPTIONS

Crimping tool

61CA500



Helavia sleeve expansion tool

61CA400

Bag of 13 heat shrink
insulation sleeves

61CA083