



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick
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BG - CRIC - BRP



BG : Box for transfer of liquefied gas

Safe connection box for loading and unloading liquefied gas from vehicles

This box is designed to achieve five key functions:

- 1° - Compliance with **the NFC 15 100 installation standard**
- 2° - Compliance with **users protection decrees**
(workers and goods)
- 3° - **Mobile facilities protection**
- 4° - Switching off the socket on the rest position
- 5° - Personnel safety

MAIN FEATURES

- ▶ RCD 30 mA protection
- ▶ Truck Earth linkage warranty
- ▶ Fixation: 300 x 300 mm
- ▶ Height: 470 mm
- ▶ Depth: 250 mm
- ▶ IP68 M40 (Ø 20 to 32 mm) cable gland



	Current	Voltage	Box part number	Plug part number		
				Inlet	+	Handle
DN6	80 A	400 V	1---9 0670 A	19 68 037 Z0078	+	65 9A 013D__ (see DN6)
DN6	80 A	230 V	1---9 0670 B	19 68 037	+	65 9A 013D__ (see DN6)
DN1	16 A	400 V	1---9 0670 C	19 18 017	+	19 1A 013
DS9	100 A	400 V	3---9 0670 D	39 98 017	+	65 9A 013D__ (see DS9)



CRIC - Terminals from 2 x 1,5 to 2 x 120 mm²

The CRIC terminals are characterised by:

- perfectly tight: no tool required,
- a spring placed inside the terminal head compensates for strand settlement and copper yield.
- Spring-assisted tightening (even after copper yield)
- Vibration-resistant, thermal cycling-resistant and anti-shearing terminals
- Comply with the NFC 20-110 standard



Terminal

insulated with
fixing part

insulated +
screw with rear
part

Earth with
threaded hole

Earth + screw
with rear part

Earth + screw
with threaded
hole

insulated
without
fixing part

Protecting cap

Wiring								
T6	2 x 1,5 mm ² to 2 x 6 mm ²	6 TA 6	6 TB 6	6 TD 6	6 TE 6	6 TF 6	6 TV 6	-
T16	2 x 4 mm ² to 2 x 16 mm ²	6 TA 16	6 TB 16	6 TD 16	6 TE 16	6 TF 16	6 TV 16	-
T35	2 x 6 mm ² to 2 x 35 mm ²	6 TA 35	6 TB 35	6 TD 35	6 TE 35	6 TF 35	6 TV 35	-
B70	2 x 25 mm ² to 2 x 70 mm ²	6 BA 70	6 BB 70*	6 BD 70	6 BE 70	6 BF 70	-	6 C 70
B120	2 x 50 mm ² to 2 x 120 mm ²	6 BA 120	6 BB 120*	6 BD 120	6 BE 120	6 BF 120	-	6 C 120

* rod non insulated



BRP : Portable service boxe

IP 54 Polyester box (2-3-4 outlets)

- Entry by cable gland (maximum 4 outlets)
- Entry by inlet (maximum 3 outlets)
- From 16 to 90 A - DS, DSN or DN 24, 230 or 400 V plugs and socket-outlets
- Protection on request



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