

EA 104 - Socket

Datasheet



Description

The EA 104 socket has single faston per terminal. 5 mm faston terminals are required for proper connection.

The EA104 A or B socket is equipped with a heavy duty locking bracket mechanism. The EA104 AF or BF socket is equipped with wire locking spring. Hexagonal plastic keys and round plastic plugs are provided for relay type coding, but not inserted. Keying can be provided as an option with matching relay keying.

The EA 104 A (F) socket is suitable for all A type relays and modules. The EA 104 B (F) socket is suitable for all B type relays and modules.

Application

The EA 104 socket is designed for panel mount of relays and modules with single faston rear connection.

Features

- Rear connection, with single faston 5 mm
- No internal soldering / connections
- For panel mount
- Locking bracket or wire locking spring
- EA104 A suitable for all A -relays and modules (A 400, AK, AM, AG, TALOR, TAC)
- EA104 B suitable for all B- relays (B 400, BK, BM, BG, TBBU)
- -40 °C...+80 °C operating temperature

Benefits

- Proven reliable
- Long life cycle
- Easy to maintain and replace
- Low life cycle cost
- No maintenance

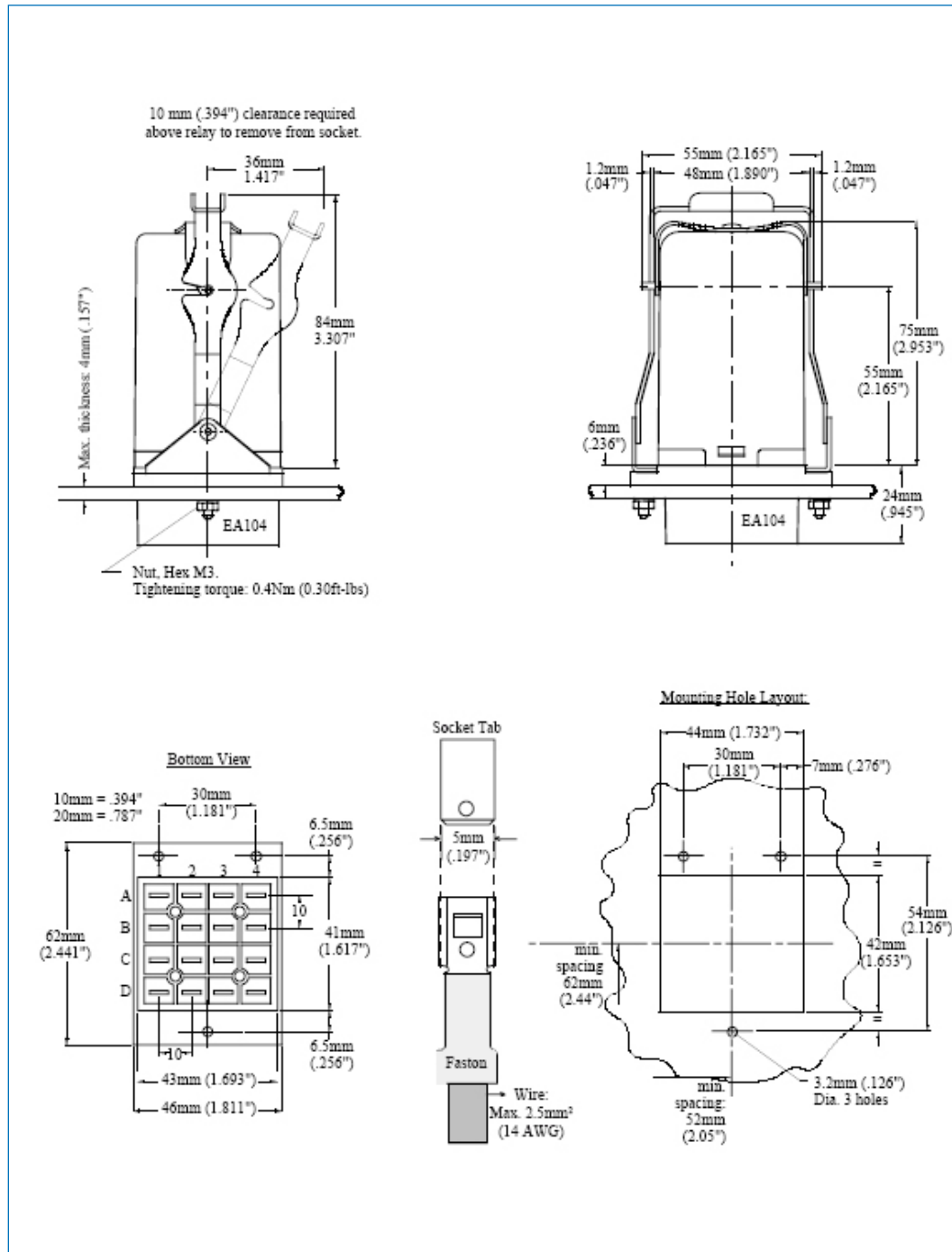
Railway compliancy

- NF F 62-002 Rolling stock- Instantaneous relay contacts and sockets
- NF F 16-101/102 Fire behaviour - Railway rolling stock

EA 104 socket

Technical specifications

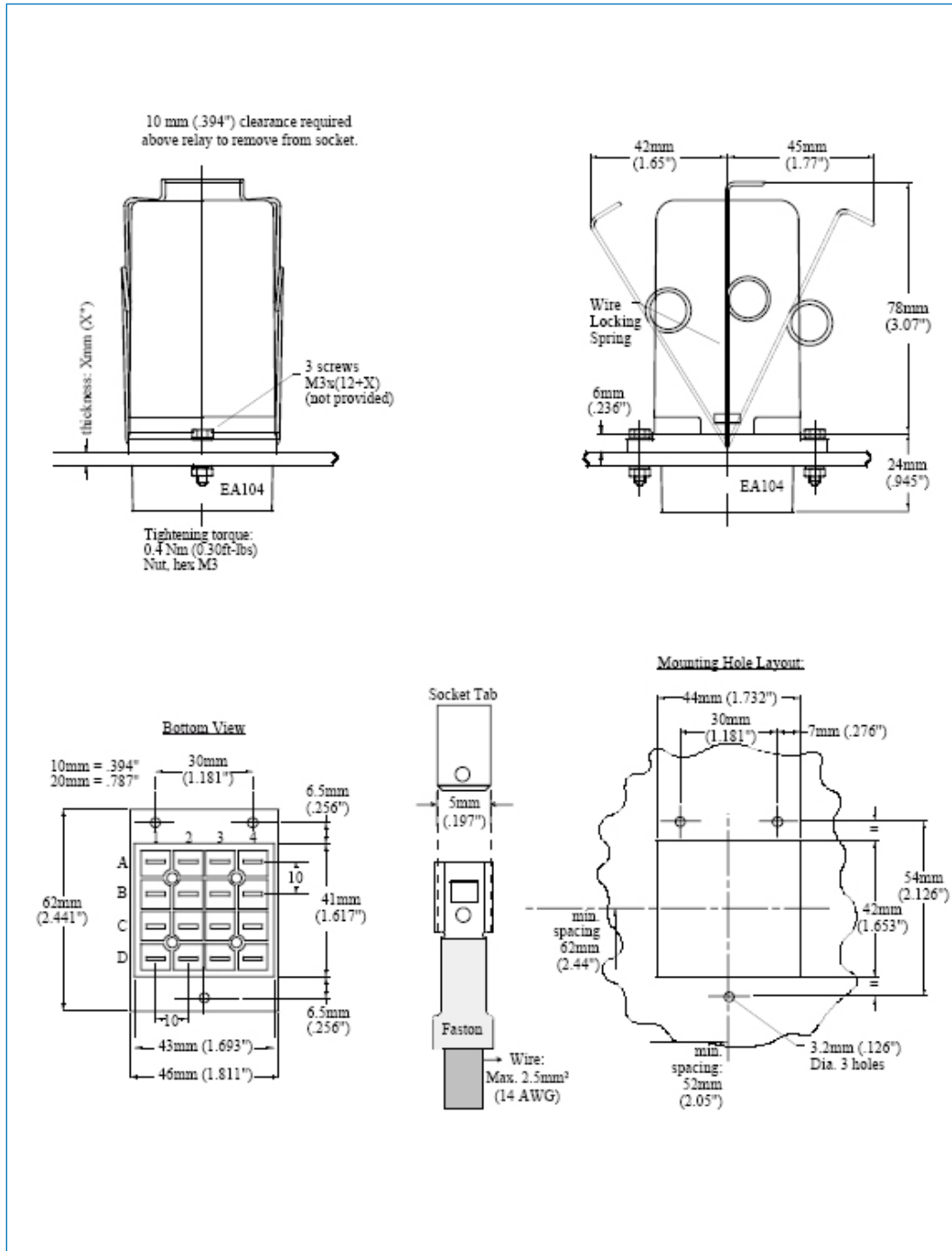
Dimensions (mm) EA 104 A



EA 104 socket

Technical specifications

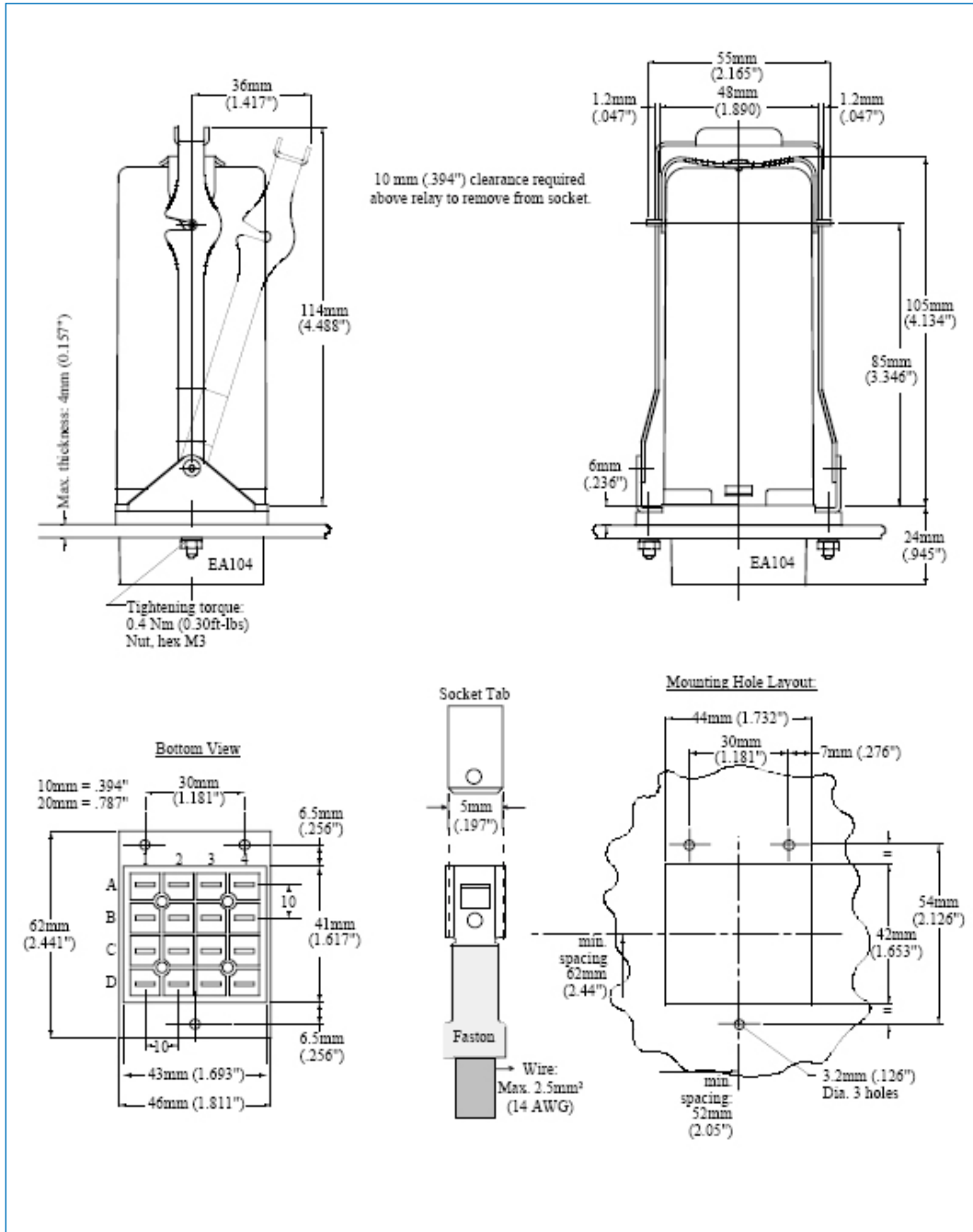
Dimensions (mm) EA 104 AF



EA 104 socket

Technical specifications

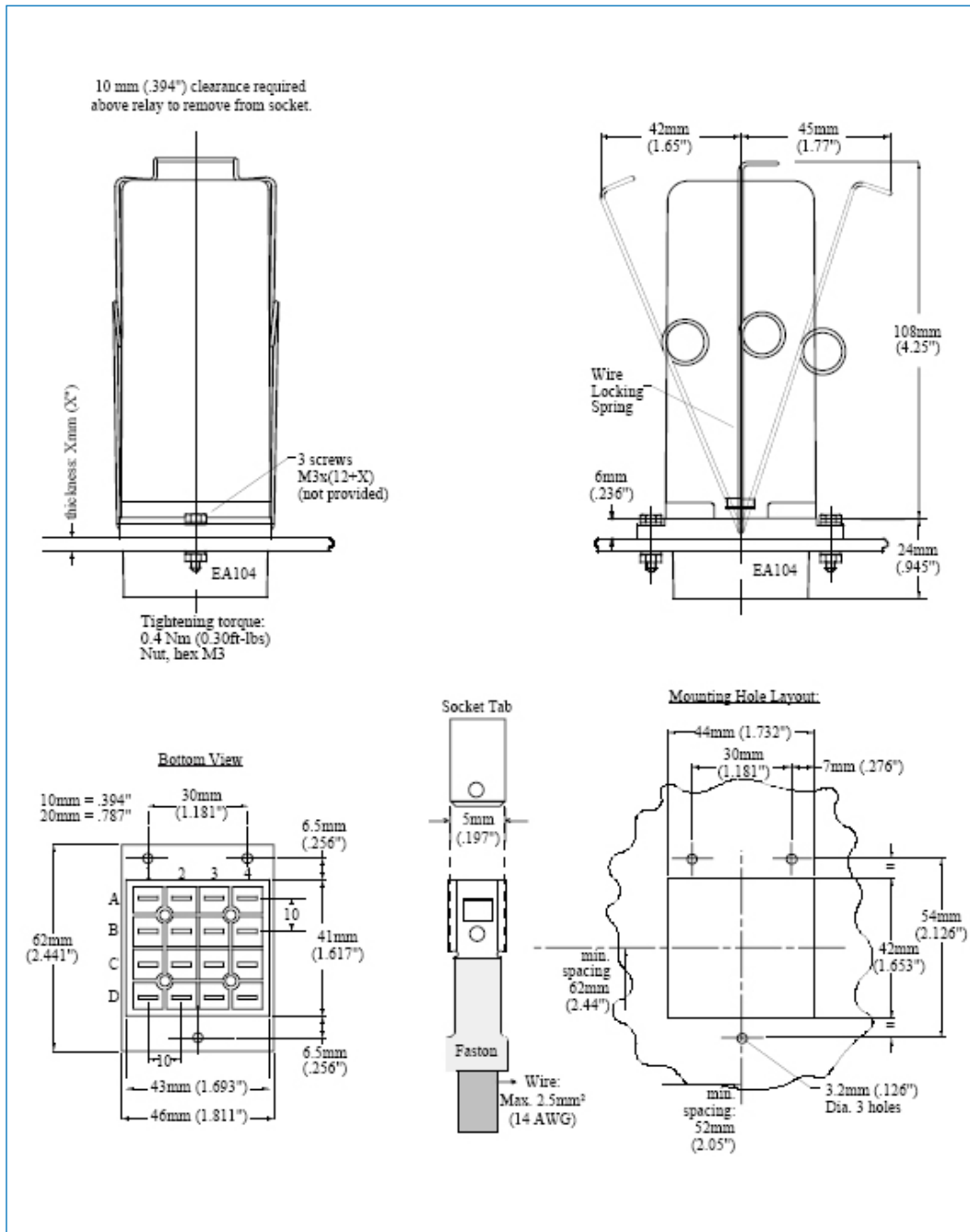
Dimensions (mm) EA 104 B



EA 104 socket

Technical specifications

Dimensions (mm) EA 104 BF



EA 104 socket

Keying

Mechanical characteristics

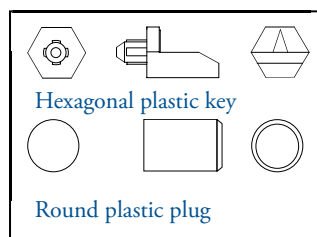
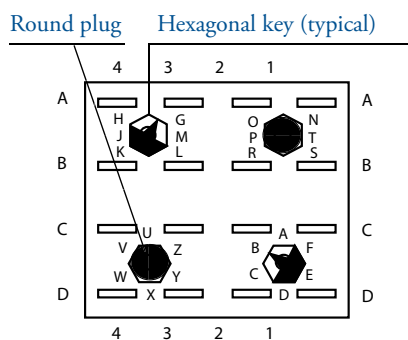
Weight	86 g
--------	------



EA 104 socket Keying

Keying explanation

Socket (top view) keyed for BG (72 VDC)



empty molded re-cesses are filled up by pressing 2 round plastic plugs)

Keying of relay to socket is accomplished by pressing 2 hexagonal keys and 2 round plugs into molded-in recesses on the socket. Relay keying is done in factory.

Insert keys that arrows point to the correct keying letters on socket - see example shown. Faston socket EA 104 shown.

Screw type socket EA 103, front single faston EA 105 and double Faston EA 102 are keyed similarly.



EA 104 socket

Spare parts

Spare parts & part numbers



Parts only for sockets

905843	Locking bracket for A
905846	Locking bracket for B
926853	Wire locking spring for A
431906654	Wire locking spring for B
414928005	Round plastic plugs

Parts for relays and sockets

414905678	Hexagonal plastic keys
-----------	------------------------

Parts for relays

906364 212903020	Lock pins assy, 2 screws
------------------	--------------------------



EA 104 socket

Ordering scheme



1. Socket model 2. Connection type 3. Keying (optional) 4. Relay cover 5. Locking mechanism

This example represents a **EA 104 BGA**

Description: EA 104 BG A socket for A 400 relay, U_{nom} : 24 VDC, Keying BG

1. Socket model

EA

2. Connection type

104 Rear with single faston

3. Keying (optional)

Refer to relay keying example A 400 72 BG
BG 72 VDC

4. Relay cover

A for A type relays and modules
B for B type relays and modules

5. Locking mechanism

- Regular
F Wire locking spring





Mors Smitt France SAS

Tour Rosny 2, Avenue du Général de Gaulle,
F - 93118 Rosny-sous-Bois Cedex, FRANCE
T +33 (0)1 4812 1440, F +33 (0)1 4855 9001
E sales@msrelais.com

Mors Smitt Asia Ltd.

807, Billion Trade Centre, 31 Hung To Road
Kwun Tong, Kowloon, HONG KONG SAR
T +852 2343 5555, F +852 2343 6555
E info@morssmitt.hk

Mors Smitt B.V.

Vrieslantlaan 6, 3526 AA Utrecht,
NETHERLANDS
T +31 (0)30 288 1311, F +31 (0)30 289 8816
E sales@nieaf-smitt.nl

Mors Smitt Technologies Inc.

420 Sackett Point Road
North Haven, CT 06473, USA
T +1 (203) 287 8858, F +1 (888) 287 8852
E mstechnologies@msrelais.com

Mors Smitt UK Ltd.

Doulton Road, Cradley Heath
West Midlands, B64 5QB, UK
T +44 (0)1384 567 755, F +44 (0)1384 567 710
E info@morssmitt.co.uk