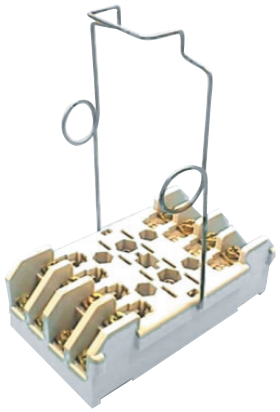
/// Socket, screw terminal, wall/rail mount

Sockets for extreme reliability, within long endurance applications and harsh environments

EA 103

Socket



Features

- Front connection, with screw terminals
- No internal soldering / connections
- For surface or optional 35 mm rail mount
- Wire locking spring
- EA 103 AF suitable for all A series relays and modules (A 400, AK, AM, AG, TALOR, TAC)
- EA 103 BF suitable for all B series relays (B 400, BK, BM, BG, TBBU)
- -40 °C...+80 °C operating temperature

Description

The EA 103 socket has M3 screw 6.5 mm ring terminal to allow front connection on the socket.

The EA 103 AF or BF socket is equipped with wire locking spring mechanism. 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 103 AF socket is suitable for all A type relays and modules. The EA 103 BF socket is suitable for all B type relays and modules.

Application

The EA 103 socket is designed for surface mount of relays and modules with screw terminals connection and provide optional 35 mm rail mount accessory.

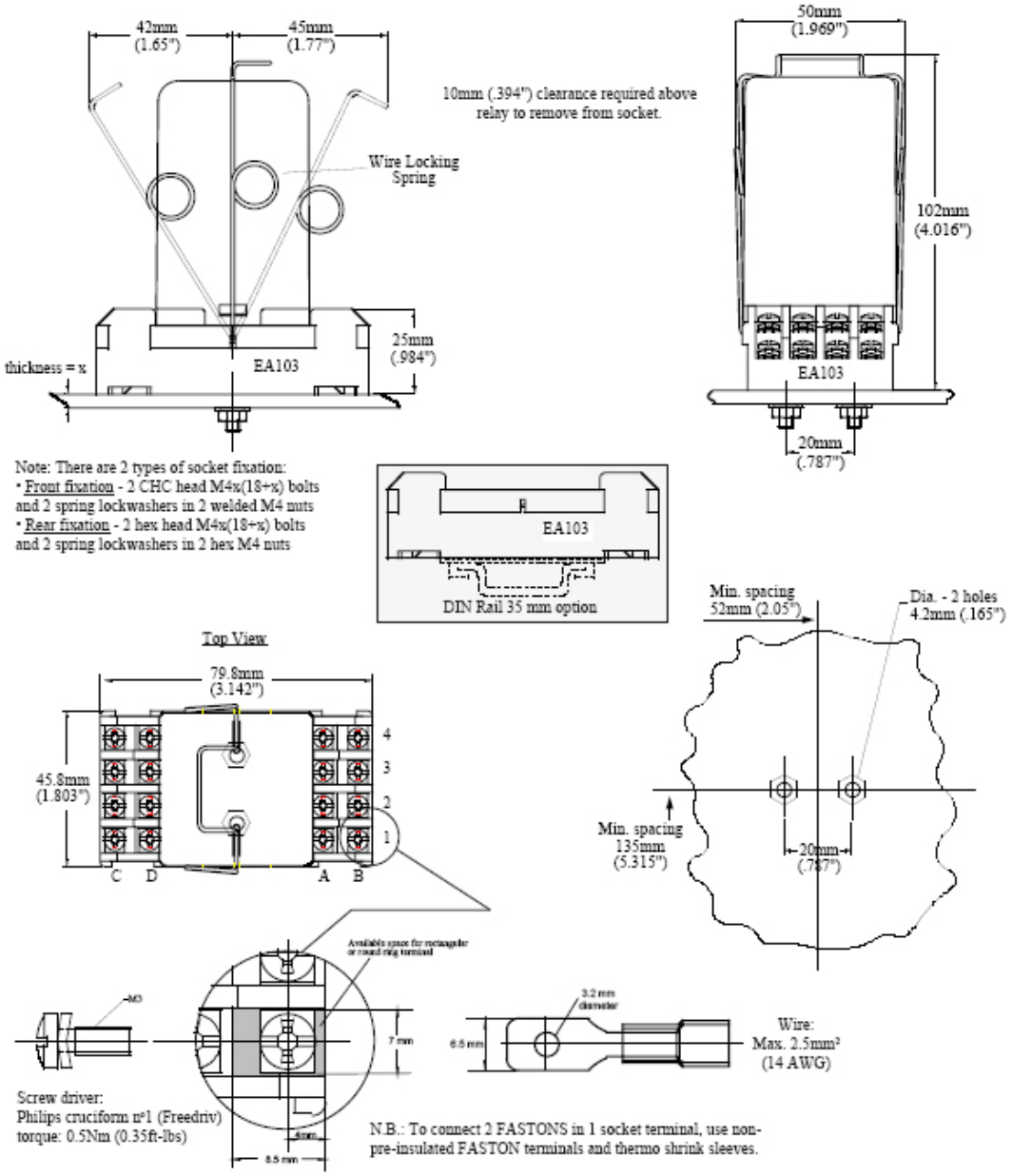
Railway compliancy

NF F16-101/102
NF F 62-002

Socket
EA 103

Dimensions (mm)

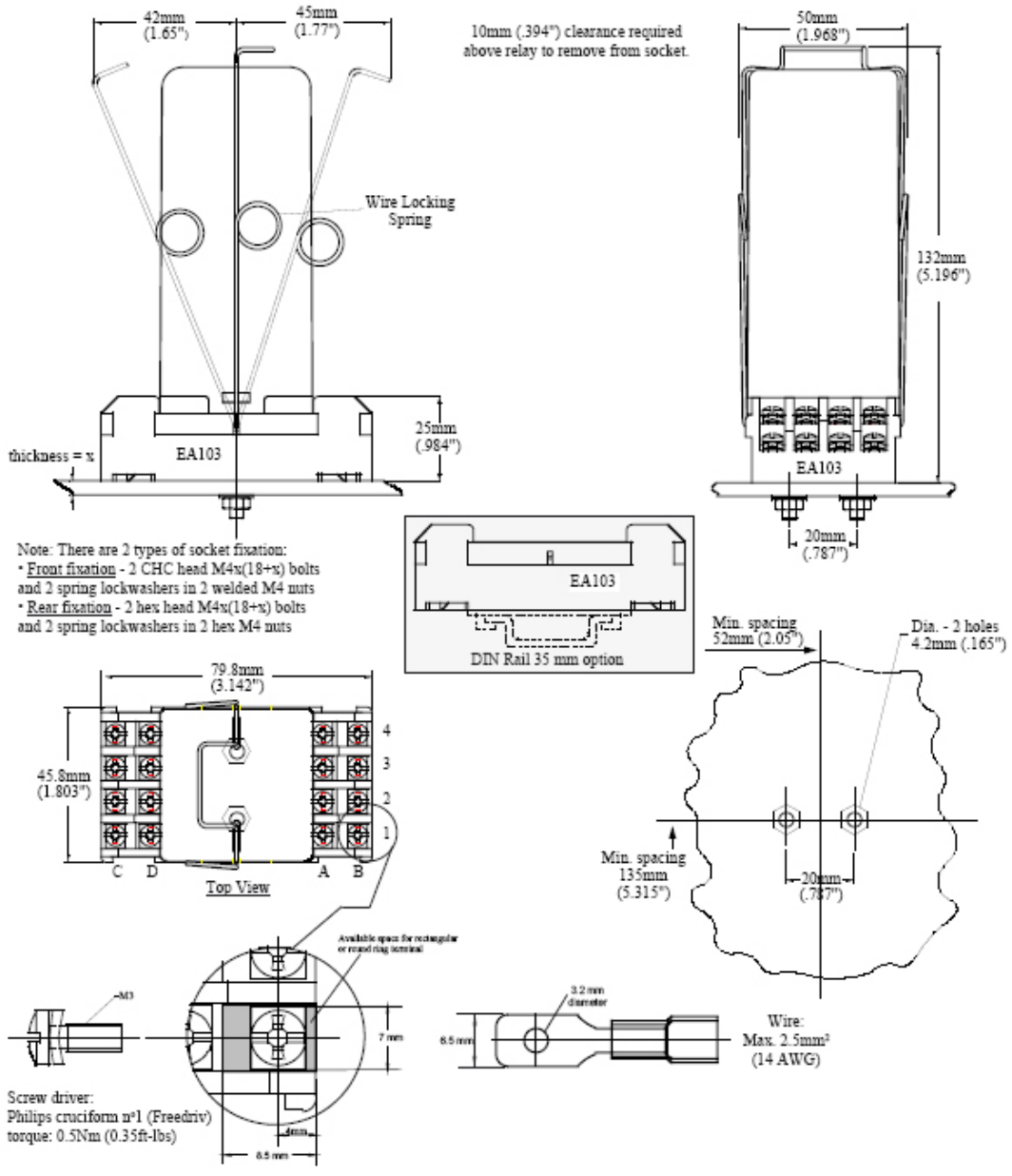
EA103 AF



Socket
EA 103

Dimensions (mm)

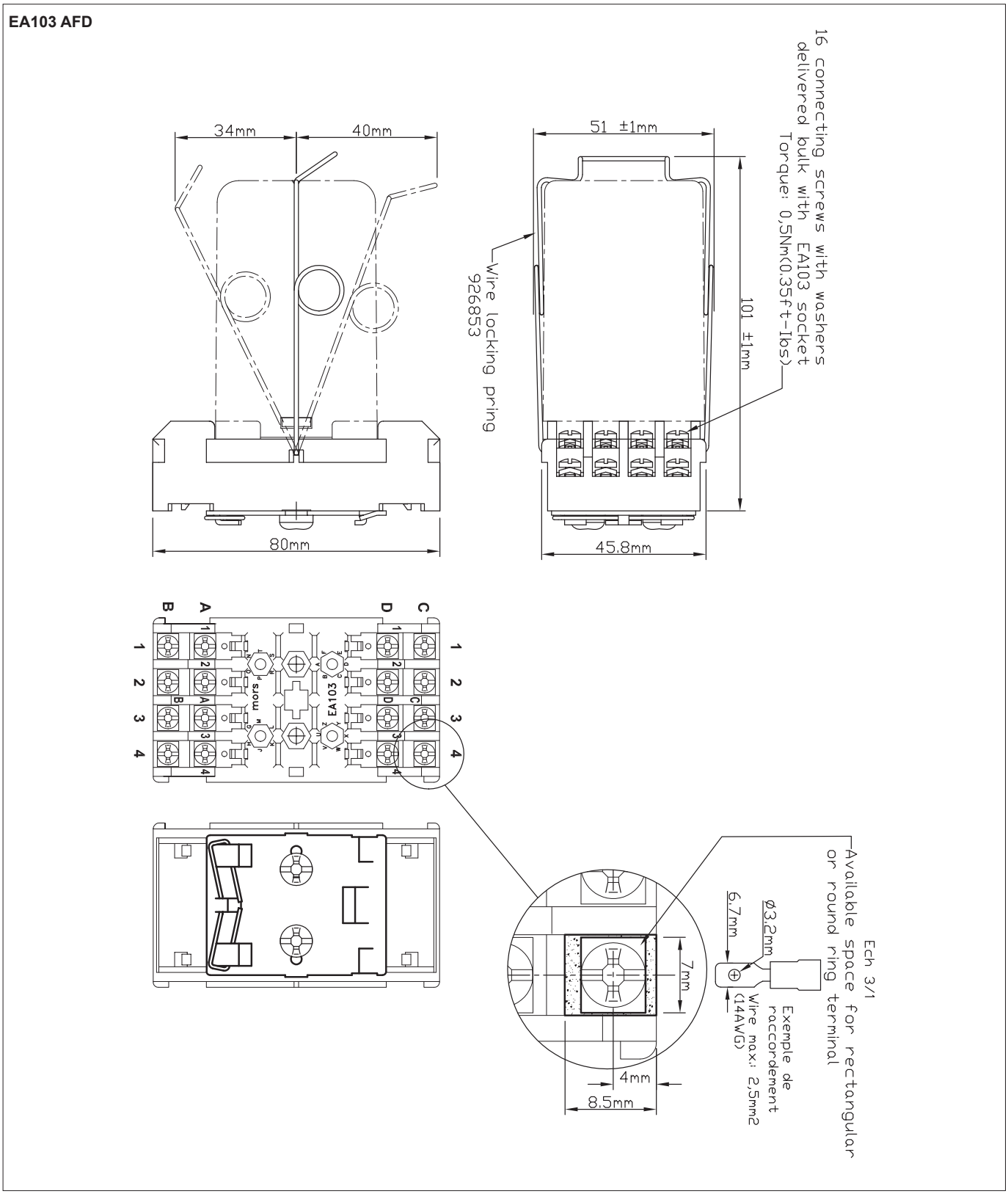
EA103 BF



Socket
EA 103

Dimensions (mm)

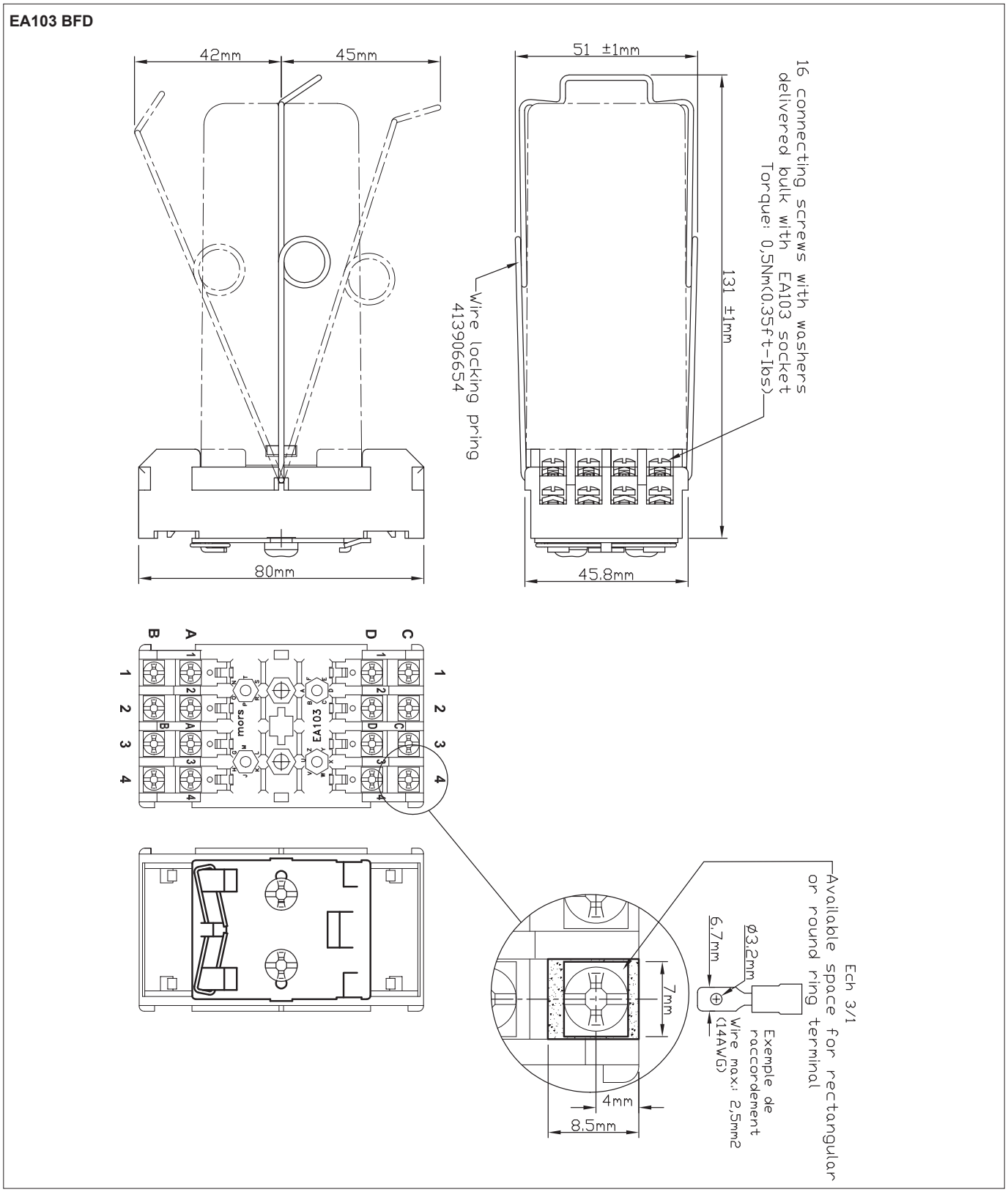
EA103 AFD



Socket
EA 103

Dimensions (mm)

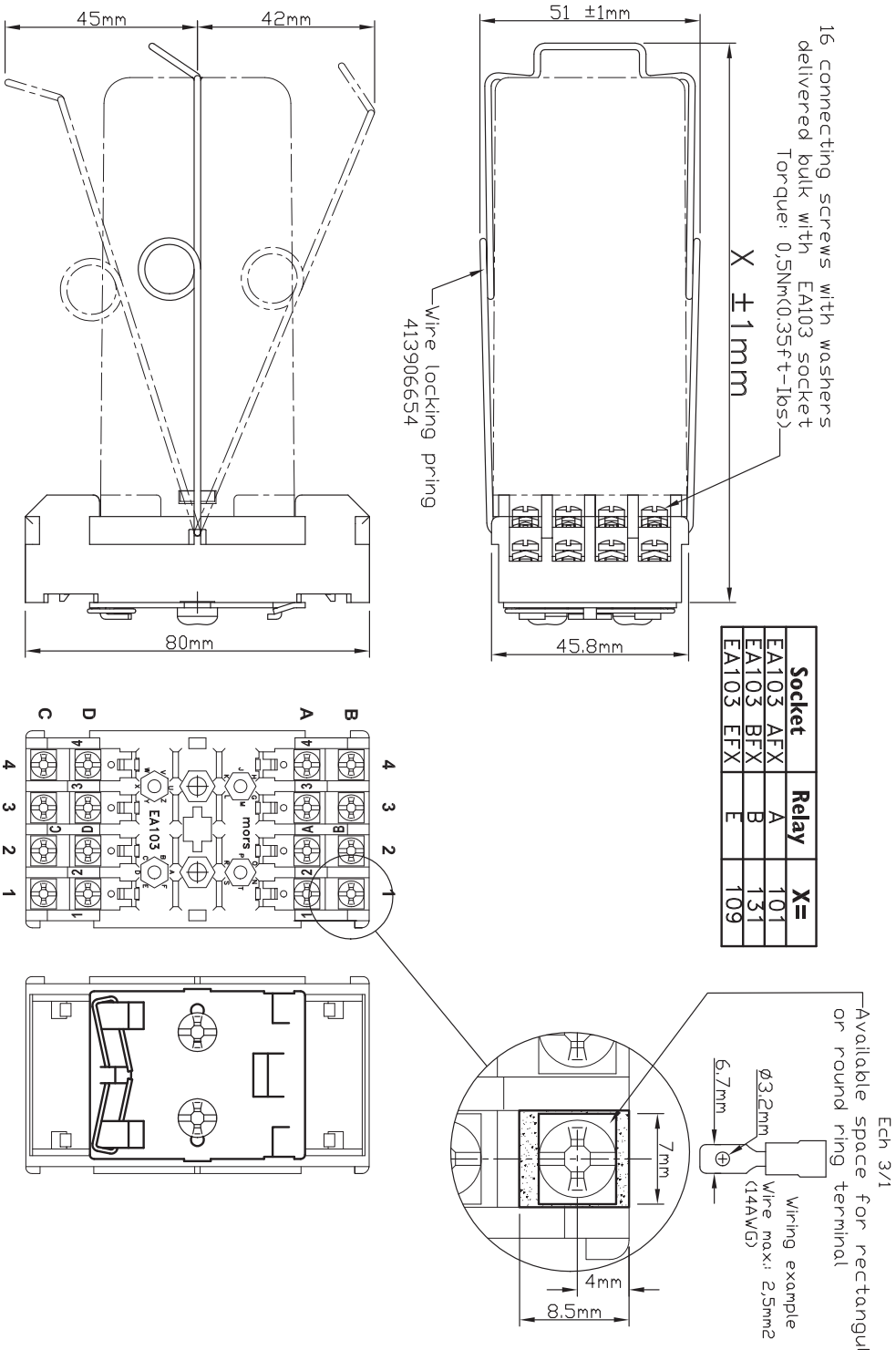
EA103 BFD



Socket
EA 103

Dimensions (mm)

EA103 (A,B) F X

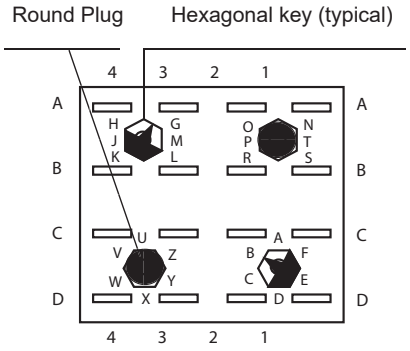


Socket	Relay	X=
EA103 AFX	A	101
EA103 BFX	B	131
EA103 EFX	E	109

Socket
EA 103

Keying

Socket (top view) set for BG (72V DC)

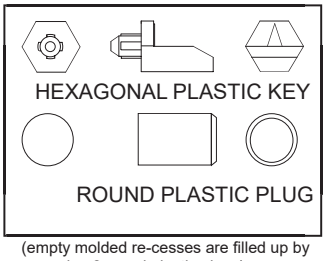


Keying of relay to socket is accomplished by pressing 2 hexagonal keys and 2 round plugs into molded-in recesses on the socket.

Relay keying done in factory.

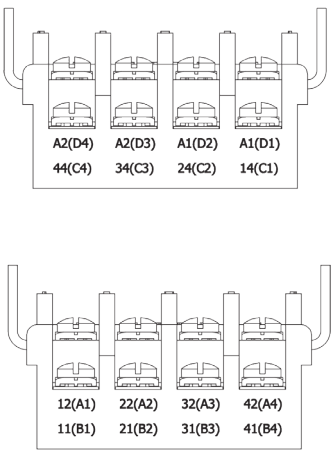
Insert keys so that arrows point to the correct keying letters on socket - see example shown.

Faston socket EA 104 shown. Screw type socket EA 103, front single faston EA 105 and double Faston EA 102 are keyed similarly.



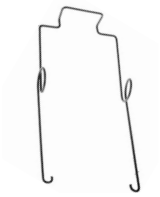
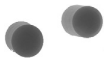
(empty molded re-cesses are filled up by pressing 2 round plastic plugs)

Terminal identification - DIN marking



Socket
EA 103

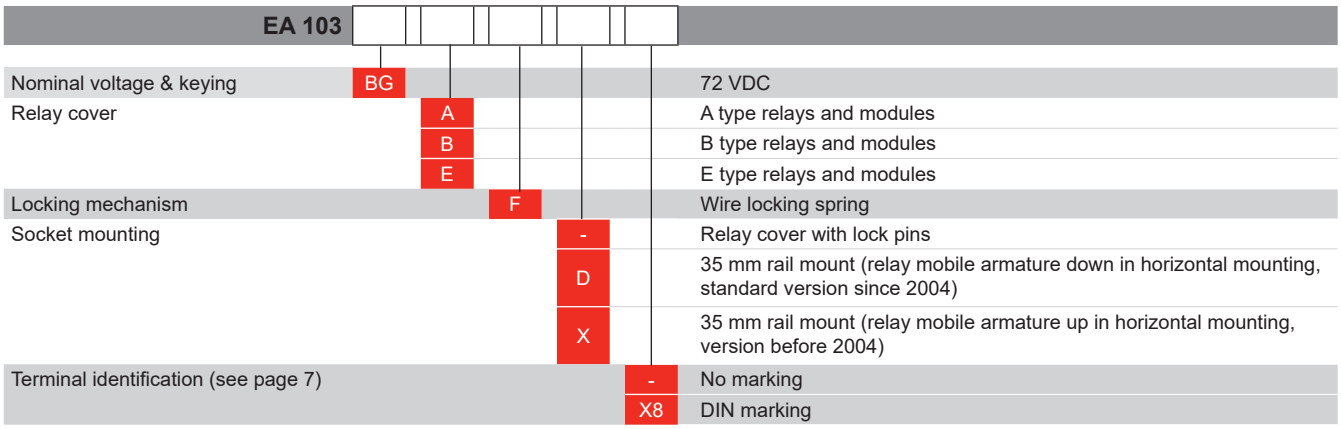
Ordering codes

 926853	 431906654	 414928005	 C927210	 P928060
 P928061	 414905678			

Article no.		Description
926853	Sockets	Wire locking spring for A
431906654	Sockets	Wire locking spring for B
414928005	Sockets	Round plastic plugs
C927210	Sockets	Screw for connection
P928060	Sockets	Metal strap (2)
P928061	Sockets	Metal strap (4)
414905678	Sockets & relays	Hexagonal plastic keys

Socket
EA 103

Ordering scheme



EA 103		
Nominal voltage & keying	BG	72 VDC
Relay cover	A	A type relays and modules
	B	B type relays and modules
	E	E type relays and modules
Locking mechanism	F	Wire locking spring
Socket mounting	-	Relay cover with lock pins
	D	35 mm rail mount (relay mobile armature down in horizontal mounting, standard version since 2004)
	X	35 mm rail mount (relay mobile armature up in horizontal mounting, version before 2004)
Terminal identification (see page 7)	-	No marking
	X8	DIN marking

Example: EA 103 BG AF
Description: EA 103 BG AF socket for A 400 relay, Unom: 72 VDC, keying BG, with wire locking spring for surface mounting

Over 10 million Mors Smitt relays in use in rail transport applications worldwide!

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