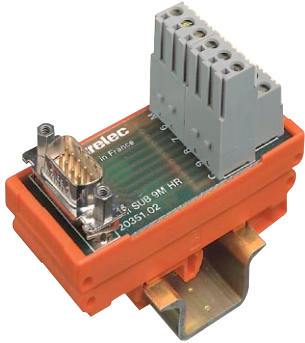


### Connector interfaces

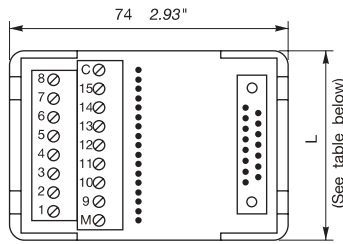
Screw-clamp modules - Sub. D  
**Series 20 000**

**DIN 1 - 3**



Note: See Section 6, PLC Wiring Systems, for additional connection interfaces.

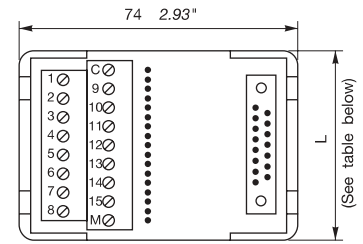
### BFM SUB...M HR



(Example of Sub D, 15 points)

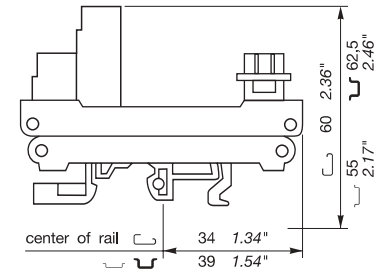
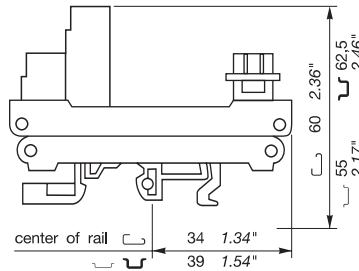
Compression clamp terminal blocks - Male SUB.D connector. As per DIN 41 652 standard.

### BFM SUB...F HR



(Example of Sub D, 15 points)

Compression clamp terminal blocks - Female SUB.D connector. As per DIN 41 652 standard.



Easy interface of electronic cable with field wiring. Error-proof connection reduces wiring time.  
 For ground connection of connector.  
 UNC 4-40 locking screws.

### Part numbers

- 9 points
- 15 points
- 25 points
- 37 points
- 50 points

Type	P/N	Length L. mm	Length L. inch.	Type	P/N	Length L. mm	Length L. inch.
<b>BFM SUB 9 M HR</b>	<b>0020 351.02</b>	33	1.30"	<b>BFM SUB 9 F HR</b>	<b>0020 356.07</b>	33	1.30"
<b>BFM SUB 15 M HR</b>	<b>0020 352.03</b>	48.3	1.90"	<b>BFM SUB 15 F HR</b>	<b>0020 357.00</b>	48.3	1.90"
<b>BFM SUB 25 M HR</b>	<b>0020 353.04</b>	73.7	2.90"	<b>BFM SUB 25 F HR</b>	<b>0020 358.11</b>	71.1	2.80"
<b>BFM SUB 37 M HR</b>	<b>0020 354.05</b>	101.6	4.00"	<b>BFM SUB 37 F HR</b>	<b>0020 359.12</b>	104.1	4.10"
<b>BFM SUB 50 M HR</b>	<b>0020 355.06</b>	137.2	5.40"	<b>BFM SUB 50 F HR</b>	<b>0020 360.17</b>	137.2	5.40"

### Approvals (Contact Entelec)



### Characteristics

		DIN-VDE	UL	CSA	NFC-UTE	DIN-VDE	UL	CSA	NFC-UTE
<b>Wire size</b>	Screw-clamp block	0 - 2.5 mm <sup>2</sup>	14 AWG	14 AWG	0 - 2.5 mm <sup>2</sup>	0 - 2.5 mm <sup>2</sup>	14 AWG	14 AWG	0 - 2.5 mm <sup>2</sup>
	Connector	According to socket used				According to plug used			
<b>Voltage</b>	V AC ~	60 (1)			60 (2)	60 (1)			60 (2)
	V DC =	60 (1)			60 (2)	60 (1)			60 (2)
<b>Test voltage</b>	KV	1			1	1			1
<b>Current</b>	A	1			1	1			1

Self-extinguishing polyamide base - UL94V2 Ultramid - Epoxy PCB 1.6 mm .063" 35 µm CU with conformal coating

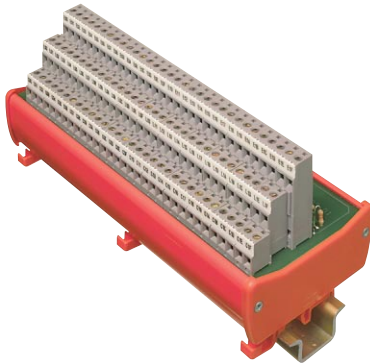
(1) Values as per VDE 0110 group C - (2) Values as per NFC 20040 category C

Accessories, marking, wire size : see Accessories section.

## Connection interfaces

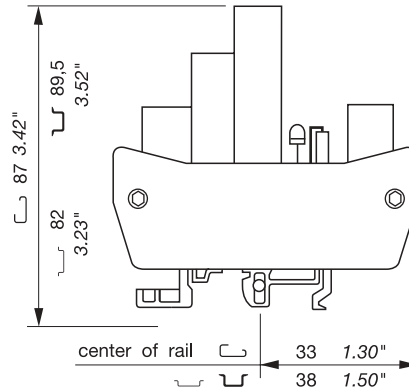
Screw-clamp modules - SUB D with visualization  
**Series 20 000**

DIN 1 - 3

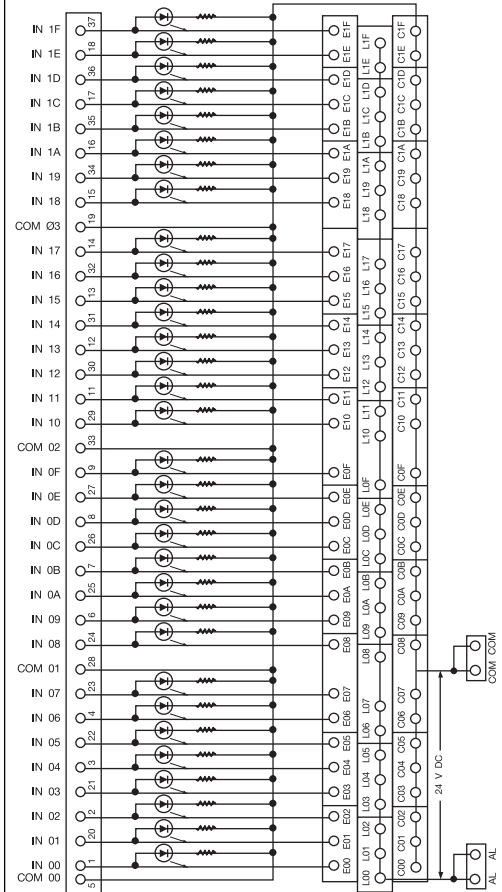


## Interface for numerical control NUM 750/760 BFM SUB 37 M - NUM1

Spacing 179 mm 7.05"



Compression clamp terminal blocks  
 SUB D connector, 37 male points and HE 5  
 As per DIN 41 652 standard.



## Application

Easy interface of electronic cable with field wiring.  
 Error-proof connection reduces wiring time.

Input interface directly compatible with female input connector for 32 I / 24 O card of numerical control NUM 750/760.  
 32 feed-through signals with 32 green display LED's  
 32 power-supply points, 24 V DC for supplying 3 wire sensors.

Part numbers		Type	P/N	Length L.		Type	P/N	Length L.	
				mm	inch.			mm	inch.
	37 points	<b>BFM SUB 37 M NUM1</b>	<b>0020 396.20</b>	179	7.05"				
<b>Characteristics</b>		<b>DIN-VDE</b>	<b>UL</b>	<b>CSA</b>	<b>NFC-UTE</b>	<b>DIN-VDE</b>	<b>UL</b>	<b>CSA</b>	<b>NFC-UTE</b>
<b>Wire size</b>	Screw	0 - 2.5 mm <sup>2</sup>	14 AWG	14 AWG	0 - 2.5 mm <sup>2</sup>				
	Connector	SUB D 37 Female Points							
<b>Rated voltage</b>	V								
	AC								
	DC	24 VDC			24 VDC				
<b>Test voltage</b>	KV	1			1				
<b>Current per terminal</b>	A	2 A max.			2 A max.				
<b>Current per LED</b>		7 mA			7 mA				

Accessories, marking, wire size : see Accessories section.