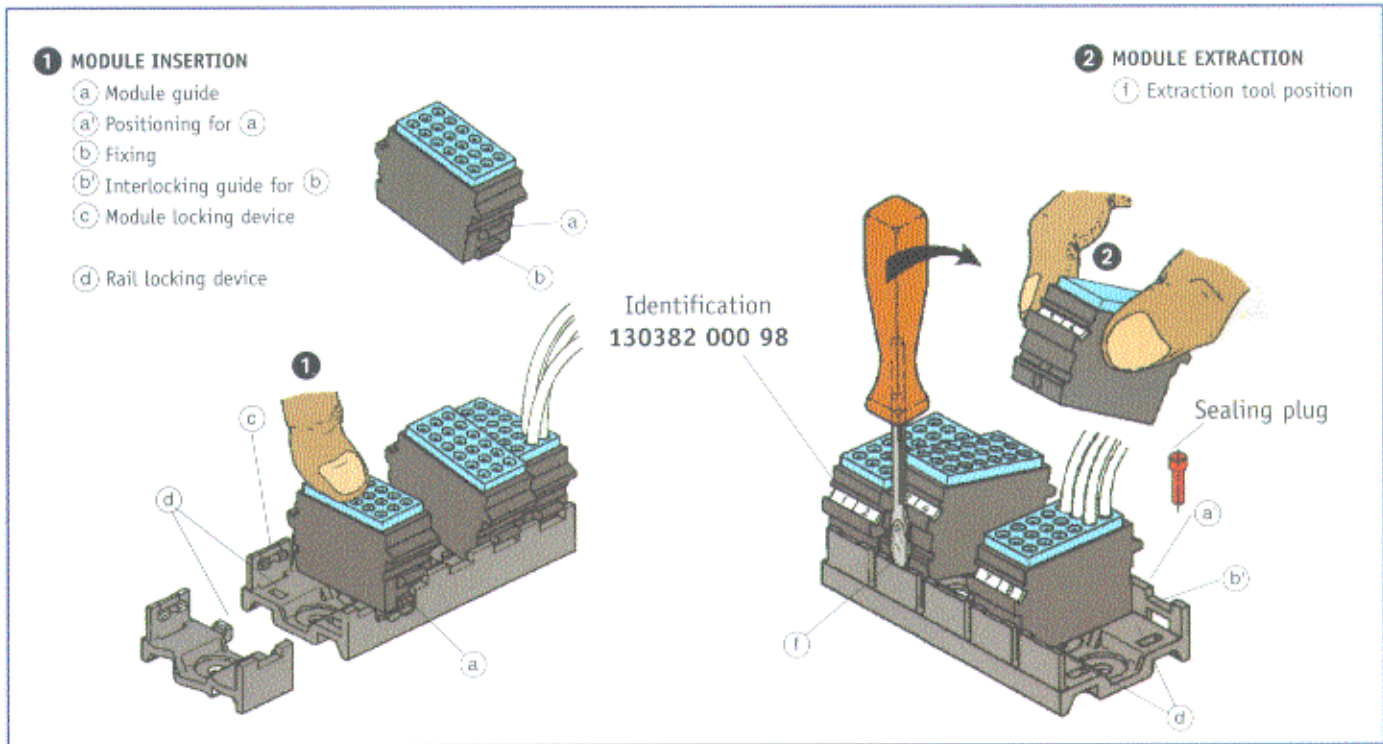




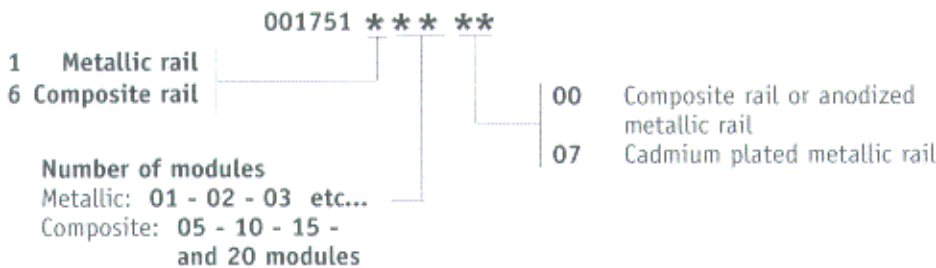
# QUICK JUNCTION MODULES TYPES 1777

SECTION 9"

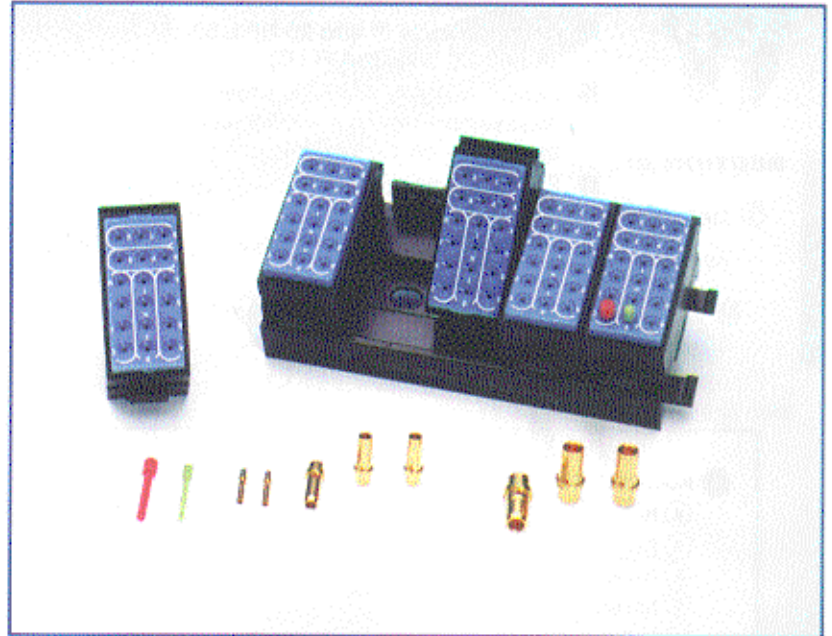
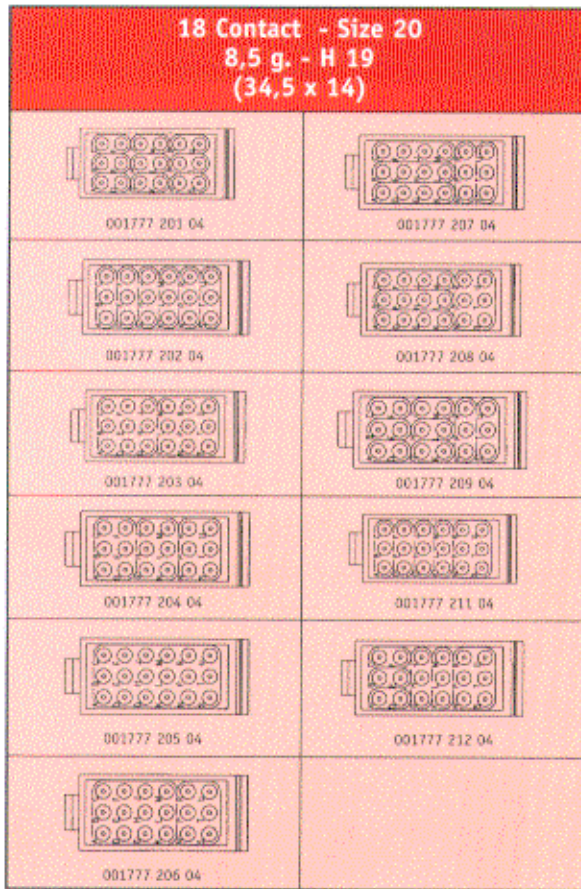
- High density of contact points wired with standardized tools.
- Crimp contacts Ⓢ size 20 NF L 53-105. (For size 16 and 22, consult AIR LB).
- QUICK ACTION: Modules assembled and disassembled without special tools, whether in sections or on the whole length of the rail.
- Sealing of modules is ensured by a patented overmoulded grommet.
- Points of contacts are identified alphabetically on the sealed grommet.
- Contact layouts are indicated with a white line symbolizing electrical circuits.
- Numerous interconnection schematics available for all sizes.
- METALLIC or COMPOSITE rails (with 60% weight reduction).
- AIR LB modules type 1777 are assembled on the same rail with feedback modules, heterogeneous modules with inserted diodes, component carrier module, and (BJT) terminal junction blocks and types 1750 - 1765.
- Mixed sizes and layouts available.
- Each module has a reference tag holder for easier identification.



## RAIL REFERENCES



295 Kesmark  
Dollard-des-Ormeaux,  
Quebec, Canada H9B 3J1  
Tel.: (514) 421-2153  
Fax: (514) 421-3408  
www.air-lb.ca



|                               | SIZE 20 GOLD  | SIZE 20 NICKEL |
|-------------------------------|---------------|----------------|
| CRIMP CONTACTS (P)            | 001104 200 92 | 001104 300 94  |
| INSERTION / EXTRACTION TOOLS* | 001104 200 25 |                |
| SEALING PLUG                  | 001109 200 30 |                |
| TESTING TOOL                  | 001111 200 02 |                |

\*Metallic tools are also available (contact connection colours)

### TECHNICAL DATA

In conformity with requirement 2 of NF F 16 102 and UL 94 Vo Standards

#### MECHANICAL

|                   |            |   |                              |
|-------------------|------------|---|------------------------------|
| Module            | Material   | : | Copper alloy                 |
| Grommet           | Material   | : | Blue fluorinated elastomer   |
| Contact           | Material   | : | Copper alloy                 |
|                   | Protection | : | Gold plated or nickel plated |
| Contact retention |            | : | Size 20 : 8,9daN             |

#### MECHANICAL ENDURANCE

500 locking and unlocking cycles

#### CLIMATIC

|                       |   |              |
|-----------------------|---|--------------|
| Operating temperature | : | -55°C +150°C |
|-----------------------|---|--------------|

#### SINUSOIDAL VIBRATIONS

|              |   |                     |
|--------------|---|---------------------|
| Frequency    | : | from 10 to 2 000 Hz |
| Acceleration | : | 20 g                |

|        |   |   |
|--------|---|---|
| SHOCKS | : | 100 g 1/2 sinus, 6 ms<br>(3 shocks in 3 directions) |
|--------|---|---|

|      |   |                                |
|------|---|--------------------------------|
| SEAL | : | IP 66 with appropriate cable ø |
|------|---|--------------------------------|

#### ELECTRICAL

| Size | Section mm | AWG         | Current rating |
|------|------------|-------------|----------------|
| 20   | 0,21 - 1   | 18-20-22-24 | 10 A           |

|                                  |            |
|----------------------------------|------------|
| DIELECTRIC WITHSTANDING VOLTAGE: | 1 500 Vrms |
|----------------------------------|------------|