

## Single Pack BD35F 12/24V DC, 100-240V AC 50/60Hz PM

Single pack code number: **195B4325**

| Position | Title  | Code     | Amount |
|----------|--|----------|--------|
| 1        | Compressor BD35F                               | 101Z0200 | 1      |
| 2        | Electronic unit 12/24V DC, 100-240V AC 50/60Hz | 101N0510 | 1      |
| 3        | Bolt joint for one compressor   M6   ø16mm     | 118-1917 | 1      |

## BD35F Direct Current Compressor R134a, R1234yf 12/24V DC, 10-45V DC Solar & 100-240V AC 50/60Hz



### General

|   |                            |
|---|----------------------------|
| Code number (without electronic units)          | 101Z0200                   |
| Electronic unit 12/24V DC - Standard            | 101N0242, 30 pcs: 101N0243 |
| Electronic unit 12/24V DC - AEO                 | 101N0340, 30 pcs: 101N0341 |
| Electronic unit 10-45V DC - Solar               | 101N0420, 30 pcs: 101N0421 |
| Electronic unit 12/24V DC & 100-240V AC 50/60Hz | 101N0510, 28 pcs: 101N0511 |
| Electronic unit 12/24V DC - Automotive          | 101N0680, 30 pcs: 101N0681 |
| Compressors on pallet                           | 150                        |

### Approvals

|     | R134a | R134a/R1234yf |
|-----|-------|---------------|
|     | -     | -             |
| VDE |       | UL            |
| VDE |       | -             |
| VDE |       | UL            |
|     | -     | UL / CB       |



### Application

|  |      |                        |
|--|------|------------------------|
| Application                                    |      | LBP/MBP/HBP            |
| Evaporating temperature                        | °C   | -30 to 0 (10)          |
| Voltage range DC                               | VDC  | 9.6 - 17 / 21.3 - 31.5 |
| Voltage range AC                               | V/Hz | 100 - 240 / 50/60      |
| Voltage range for solar applications           | VDC  | 10 - 45                |
| Max. condensing temperature continuous (short) | °C   | 60 (70)                |
| Max. winding temperature continuous (short)    | °C   | 125 (135)              |

### Cooling requirements

| Application | LBP | MBP | HBP |
|-------------|-----|-----|-----|
| 32°C        | S   | S   | S   |
| 38°C        | S   | S   | S   |
| 43°C        | S   | S   | S   |

Remarks on application: Fan cooling F<sub>1</sub> depending on application and speed.

### Motor

|                                   |   |                |
|-----------------------------------|---|----------------|
| Motor type                        |   | variable speed |
| Resistance, all 3 windings (25°C) | Ω | 2.2            |

### Design

|                                     |                 |                       |
|-------------------------------------|-----------------|-----------------------|
| Displacement                        | cm <sup>3</sup> | 2.00                  |
| Oil quantity (type)                 | cm <sup>3</sup> | 150 (polyolester)     |
| Maximum refrigerant charge          | g               | 300                   |
| Free gas volume in compressor       | cm <sup>3</sup> | 870                   |
| Weight - Compressor/Electronic unit | kg              | 4.3 / 0.19 (Standard) |

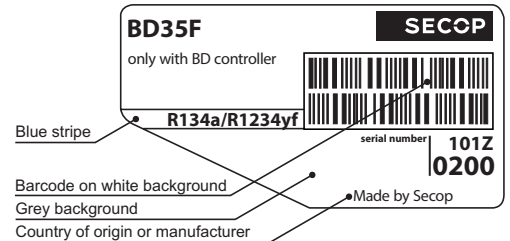
### Standard battery protection settings (refer to electronic unit Instructions for optional settings)

|         |     |      |      |
|---------|-----|------|------|
| Voltage |     | 12V  | 24V  |
| Cut out | VDC | 10.4 | 22.8 |
| Cut in  | VDC | 11.7 | 24.2 |

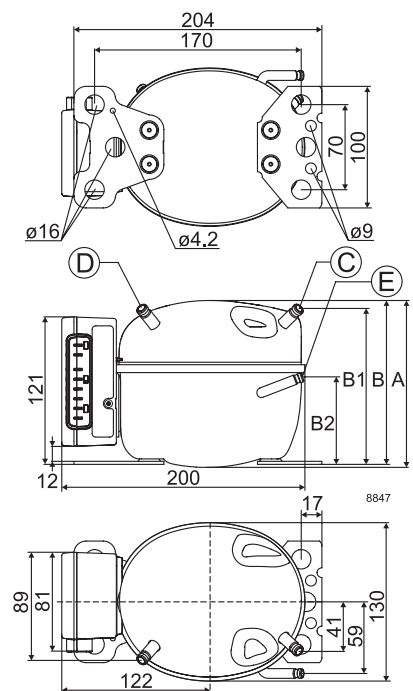
### Dimensions

|                     |                          |    |                           |
|---------------------|--------------------------|----|---------------------------|
| Height              | mm                       | A  | 137                       |
|                     |                          | B  | 135                       |
|                     |                          | B1 | 128                       |
|                     |                          | B2 | 73                        |
| Suction connector   | location/I.D. mm   angle | C  | 6.2   40°                 |
|                     | material   comment       |    | Cu-plated steel   Al cap  |
| Process connector   | location/I.D. mm   angle | D  | 6.2   45°                 |
|                     | material   comment       |    | Cu-plated steel   Al cap  |
| Discharge connector | location/I.D. mm   angle | E  | 5.0   21°                 |
|                     | material   comment       |    | Cu-plated steel   Al cap  |
| Connector tolerance | I.D. mm                  |    | ±0.09, on 5.0 +0.12/+0.20 |

Remarks:



- S = Static cooling normally sufficient
- O = Oil cooling
- F<sub>1</sub> = Fan cooling 1.5 m/s  
(compressor compartment temperature equal to ambient temperature)
- F<sub>2</sub> = Fan cooling 3.0 m/s necessary
- SG = Suction gas cooling normally sufficient
- = not applicable in this area



# Performance Data with Refrigerant R134a

| Capacity (EN 12900 Household/CECOMAF) |      |      |       |      |      |      |      |      |     |     |      |    |
|---------------------------------------|------|------|-------|------|------|------|------|------|-----|-----|------|----|
| 12V DC, static cooling                |      |      |       |      |      |      |      |      |     |     | watt |    |
| rpm \ °C                              | -30  | -25  | -23.3 | -20  | -15  | -10  | -5   | 0    | 5   | 7.2 | 10   | 15 |
| 2,000                                 | 16.0 | 23.8 | 26.7  | 32.9 | 43.7 | 56.5 | 71.8 | 89.8 | 111 | 121 | 136  |    |
| 2,500                                 | 18.8 | 29.9 | 33.9  | 41.9 | 55.4 | 71.1 | 89.8 | 112  | 139 | 152 |      |    |
| 3,000                                 | 22.4 | 32.9 | 37.1  | 46.1 | 62.5 | 82.2 | 106  | 133  |     |     |      |    |
| 3,500                                 | 27.0 | 35.9 | 40.2  | 50.3 | 69.8 | 93.9 | 122  |      |     |     |      |    |

| Capacity (ASHRAE LBP)  |      |      |       |      |      |      |      |     |     |     |      |    |
|------------------------|------|------|-------|------|------|------|------|-----|-----|-----|------|----|
| 12V DC, static cooling |      |      |       |      |      |      |      |     |     |     | watt |    |
| rpm \ °C               | -30  | -25  | -23.3 | -20  | -15  | -10  | -5   | 0   | 5   | 7.2 | 10   | 15 |
| 2,000                  | 20.0 | 29.8 | 33.4  | 41.2 | 54.6 | 70.6 | 89.7 | 112 | 139 | 152 | 169  |    |
| 2,500                  | 23.6 | 37.5 | 42.4  | 52.4 | 69.2 | 88.8 | 112  | 140 | 173 | 190 |      |    |
| 3,000                  | 28.1 | 41.3 | 46.5  | 57.9 | 78.2 | 103  | 132  | 166 |     |     |      |    |
| 3,500                  | 33.9 | 45.1 | 50.5  | 63.1 | 87.3 | 117  | 153  |     |     |     |      |    |

| Power consumption      |      |      |       |      |      |      |      |      |      |      |      |    |
|------------------------|------|------|-------|------|------|------|------|------|------|------|------|----|
| 12V DC, static cooling |      |      |       |      |      |      |      |      |      |      | watt |    |
| rpm \ °C               | -30  | -25  | -23.3 | -20  | -15  | -10  | -5   | 0    | 5    | 7.2  | 10   | 15 |
| 2,000                  | 17.7 | 22.9 | 24.6  | 27.7 | 32.2 | 36.7 | 41.3 | 46.2 | 51.6 | 54.3 | 57.8 |    |
| 2,500                  | 22.1 | 29.7 | 32.0  | 36.3 | 42.4 | 48.1 | 53.8 | 59.7 | 66.1 | 69.1 |      |    |
| 3,000                  | 29.3 | 34.6 | 36.7  | 41.2 | 48.7 | 56.5 | 64.5 | 72.0 |      |      |      |    |
| 3,500                  | 34.5 | 41.3 | 43.8  | 48.9 | 57.3 | 66.2 | 75.4 |      |      |      |      |    |

| Current consumption (for 24V applications the following must be halved) |     |     |       |     |     |     |     |     |     |     |     |    |
|---|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 12V DC, static cooling  |     |     |       |     |     |     |     |     |     |     | mA  |    |
| rpm \ °C  | -30 | -25 | -23.3 | -20 | -15 | -10 | -5  | 0   | 5   | 7.2 | 10  | 15 |
| 2,000   | 1.4 | 1.9 | 2.0   | 2.3 | 2.7 | 3.1 | 3.4 | 3.8 | 4.3 | 4.5 | 4.8 |    |
| 2,500   | 1.8 | 2.5 | 2.7   | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 5.8 |     |    |
| 3,000   | 2.4 | 2.9 | 3.1   | 3.4 | 4.0 | 4.7 | 5.3 | 6.0 |     |     |     |    |
| 3,500   | 2.9 | 3.4 | 3.6   | 4.1 | 4.8 | 5.5 | 6.3 |     |     |     |     |    |

| COP (EN 12900 Household/CECOMAF) |      |      |       |      |      |      |      |      |      |      |      |    |
|----------------------------------|------|------|-------|------|------|------|------|------|------|------|------|----|
| 12V DC, static cooling           |      |      |       |      |      |      |      |      |      |      | W/W  |    |
| rpm \ °C                         | -30  | -25  | -23.3 | -20  | -15  | -10  | -5   | 0    | 5    | 7.2  | 10   | 15 |
| 2,000                            | 0.90 | 1.04 | 1.09  | 1.19 | 1.36 | 1.54 | 1.74 | 1.94 | 2.15 | 2.24 | 2.35 |    |
| 2,500                            | 0.85 | 1.01 | 1.06  | 1.15 | 1.31 | 1.48 | 1.67 | 1.88 | 2.10 | 2.20 |      |    |
| 3,000                            | 0.76 | 0.95 | 1.01  | 1.12 | 1.28 | 1.45 | 1.64 | 1.85 |      |      |      |    |
| 3,500                            | 0.78 | 0.87 | 0.92  | 1.03 | 1.22 | 1.42 | 1.62 |      |      |      |      |    |

| COP (ASHRAE LBP)       |      |      |       |      |      |      |      |      |      |      |      |    |
|------------------------|------|------|-------|------|------|------|------|------|------|------|------|----|
| 12V DC, static cooling |      |      |       |      |      |      |      |      |      |      | W/W  |    |
| rpm \ °C               | -30  | -25  | -23.3 | -20  | -15  | -10  | -5   | 0    | 5    | 7.2  | 10   | 15 |
| 2,000                  | 1.13 | 1.30 | 1.36  | 1.49 | 1.70 | 1.93 | 2.18 | 2.44 | 2.70 | 2.81 | 2.95 |    |
| 2,500                  | 1.07 | 1.26 | 1.33  | 1.45 | 1.64 | 1.86 | 2.10 | 2.36 | 2.64 | 2.77 |      |    |
| 3,000                  | 0.96 | 1.19 | 1.27  | 1.41 | 1.61 | 1.83 | 2.06 | 2.32 |      |      |      |    |
| 3,500                  | 0.98 | 1.09 | 1.15  | 1.29 | 1.53 | 1.78 | 2.03 |      |      |      |      |    |

| Test conditions with electronic units |                      | EN 12900/CECOMAF | ASHRAE LBP |
|---------------------------------------|----------------------|------------------|------------|
| Condensing temperature                | 101N0242<br>101N0680 | 55°C             | 54.4°C     |
| Ambient temperature                   |                      | 32°C             | 32°C       |
| Suction gas temperature               |                      | 32°C             | 32°C       |
| Liquid temperature                    |                      | no subcooling    | 32°C       |

| Accessories for BD35F      |   | Code number                |
|----------------------------|---|----------------------------|
| Bolt joint for one comp.   | Ø:16 mm   | 118-1917                   |
| Bolt joint in quantities   | Ø:16 mm   | 118-1918                   |
| Snap-on in quantities      | Ø:16 mm   | 118-1919                   |
| Remote kit (without cable) |   | 105N9210                   |
| Secop Gateway              |   | 105N9518                   |
| DC usage:                  | Automobile fuse, DIN 7258 12V: 15A   24V: 7.5 A<br>Main switch min. 20A | Not deliverable from Secop |
| AC usage:                  | Fuse, 100-240V<br>Main switch min. 6A                                   |                            |

| Compressor speed |                   |             |
|------------------|-------------------|-------------|
| Electronit unit  | Resistor (R1) [Ω] | Motor speed |
| Code number      | calculated values | [rpm]       |
| 101N0242         | 0                 | 2,000       |
| 101N0510         | 277               | 2,500       |
| 101N0680         | 692               | 3,000       |
|                  | 1523              | 3,500       |
| 101N0340         | 0                 | AEO         |
| 101N0420         | 173               | 2,000       |
| with AEO         | 450               | 2,500       |
|                  | 865               | 3,000       |
|                  | 1696              | 3,500       |

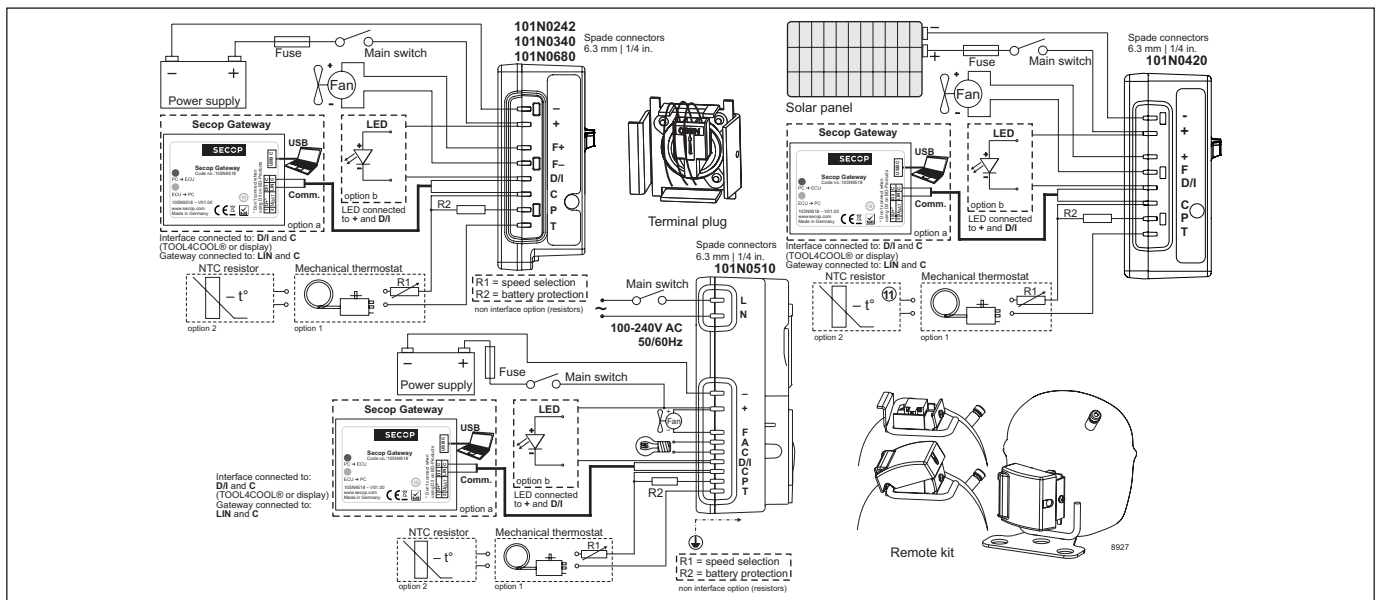
In AEO (Adaptive Energy Optimizing) speed mode the BD compressor will always adapt its speed to the actual cooling demand.

| Wire dimensions DC |       |         |                            |       |                            |       |
|--------------------|-------|---------|----------------------------|-------|----------------------------|-------|
| Cross section      | Size  |         | Max. length* 12V operation |       | Max. length* 24V operation |       |
|                    | [mm²] | [Gauge] | [m]                        | [ft.] | [m]                        | [ft.] |
| 2.5                | 12    |         | 2.5                        | 8     | 5                          | 16    |
| 4                  | 12    |         | 4                          | 13    | 8                          | 26    |
| 6                  | 10    |         | 6                          | 20    | 12                         | 39    |
| 10                 | 8     |         | 10                         | 33    | 20                         | 66    |

\*Length between battery and electronic unit

**Wire dimensions AC**  
Cross section min. 0.75 mm² or AWG 18

| Operational errors        |  |
|---------------------------|--|
| Error code or LED flashes | Error type   |
|                           | Can be read out in the software <b>TOOL4COOL®</b>  |
| 6                         | <b>Thermostat failure</b><br>(If the NTC thermistor is short-circuit or has no connection).  |
| 5                         | <b>Thermal cut-out of electronic unit</b><br>(If the refrigeration system has been too heavily loaded, or if the ambient temperature is high, the electronic unit will run too hot). |
| 4                         | <b>Minimum motor speed error</b><br>(If the refrigeration system is too heavily loaded, the motor cannot maintain minimum speed at approximately 1,850 rpm).                         |
| 3                         | <b>Motor start error</b><br>(The rotor is blocked or the differential pressure in the refrigeration system is too high (>5 bar)).  |
| 2                         | <b>Too many start attempts or fan over current</b><br>(Too many compressor or fan starts in short time or fan current higher than 0.5A <sub>avg</sub> ).                             |
| 1                         | <b>Battery protection cut-out</b><br>(The voltage is outside the cut-out setting).   |



# Performance Data with Refrigerant R1234yf

| Capacity (EN 12900 Household/CECOMAF) |      | 12V DC, static cooling |       |      |      |      |      |       |     |     |     | watt |
|---------------------------------------|------|------------------------|-------|------|------|------|------|-------|-----|-----|-----|------|
| rpm \ °C                              | -30  | -25                    | -23.3 | -20  | -15  | -10  | -5   | 0     | 5   | 7.2 | 10  | 15   |
| 2,000                                 | 17.0 | 24.8                   | 27.8  | 34.2 | 45.1 | 57.7 | 72.0 | 87.9  | 106 | 114 | 125 |      |
| 2,500                                 | 18.5 | 29.6                   | 33.8  | 42.6 | 57.3 | 73.8 | 92.0 | 111.8 | 133 | 143 |     |      |
| 3,000                                 | 25.5 | 35.4                   | 39.2  | 47.6 | 62.6 | 80.6 | 102  | 127   |     |     |     |      |
| 3,500                                 | 30.3 | 39.3                   | 43.4  | 52.6 | 69.9 | 91.1 | 116  |       |     |     |     |      |

| Capacity (ASHRAE LBP) |      | 12V DC, static cooling |       |      |      |      |      |     |     |     |     | watt |
|-----------------------|------|------------------------|-------|------|------|------|------|-----|-----|-----|-----|------|
| rpm \ °C              | -30  | -25                    | -23.3 | -20  | -15  | -10  | -5   | 0   | 5   | 7.2 | 10  | 15   |
| 2,000                 | 22.1 | 32.3                   | 36.2  | 44.5 | 58.7 | 75.1 | 93.6 | 114 | 137 | 148 | 163 |      |
| 2,500                 | 24.1 | 38.5                   | 44.0  | 55.3 | 74.4 | 95.7 | 119  | 145 | 173 | 186 |     |      |
| 3,000                 | 33.5 | 46.3                   | 51.4  | 62.3 | 81.8 | 105  | 133  | 165 |     |     |     |      |
| 3,500                 | 39.4 | 51.3                   | 56.6  | 68.7 | 91.3 | 119  | 152  |     |     |     |     |      |

| Power consumption |      | 12V DC, static cooling |       |      |      |      |      |      |      |      |      | watt |
|-------------------|------|------------------------|-------|------|------|------|------|------|------|------|------|------|
| rpm \ °C          | -30  | -25                    | -23.3 | -20  | -15  | -10  | -5   | 0    | 5    | 7.2  | 10   | 15   |
| 2,000             | 19.2 | 24.1                   | 25.7  | 28.8 | 33.3 | 37.8 | 42.3 | 46.8 | 51.4 | 53.4 | 56.1 |      |
| 2,500             | 24.0 | 31.4                   | 33.7  | 38.1 | 44.4 | 50.3 | 55.8 | 61.0 | 66.0 | 68.2 |      |      |
| 3,000             | 32.6 | 37.0                   | 38.9  | 42.9 | 49.7 | 57.1 | 64.5 | 71.5 |      |      |      |      |
| 3,500             | 38.7 | 44.8                   | 47.1  | 51.8 | 59.5 | 67.5 | 75.8 |      |      |      |      |      |

| Current consumption (for 24V applications the following must be halved) |     | A   |       |     |     |     |     |     |     |     |     |    |
|---|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|----|
| rpm \ °C  | -30 | -25 | -23.3 | -20 | -15 | -10 | -5  | 0   | 5   | 7.2 | 10  | 15 |
| 2,000   | 1.6 | 2.0 | 2.1   | 2.4 | 2.8 | 3.1 | 3.5 | 3.9 | 4.3 | 4.5 | 4.7 |    |
| 2,500   | 2.0 | 2.6 | 2.8   | 3.2 | 3.7 | 4.2 | 4.6 | 5.1 | 5.5 | 5.7 |     |    |
| 3,000   | 2.7 | 3.1 | 3.2   | 3.6 | 4.1 | 4.8 | 5.4 | 6.0 |     |     |     |    |
| 3,500   | 3.2 | 3.7 | 3.9   | 4.3 | 5.0 | 5.6 | 6.3 |     |     |     |     |    |

| COP (EN 12900 Household/CECOMAF) |      | 12V DC, static cooling |       |      |      |      |      |      |      |      |      | W/W |
|----------------------------------|------|------------------------|-------|------|------|------|------|------|------|------|------|-----|
| rpm \ °C                         | -30  | -25                    | -23.3 | -20  | -15  | -10  | -5   | 0    | 5    | 7.2  | 10   | 15  |
| 2,000                            | 0.88 | 1.03                   | 1.08  | 1.19 | 1.35 | 1.52 | 1.69 | 1.87 | 2.04 | 2.11 | 2.21 |     |
| 2,500                            | 0.77 | 0.94                   | 1.00  | 1.11 | 1.28 | 1.46 | 1.64 | 1.82 | 2.00 | 2.08 |      |     |
| 3,000                            | 0.78 | 0.95                   | 1.01  | 1.11 | 1.25 | 1.41 | 1.57 | 1.77 |      |      |      |     |
| 3,500                            | 0.78 | 0.88                   | 0.92  | 1.01 | 1.17 | 1.34 | 1.52 |      |      |      |      |     |

| COP (ASHRAE LBP) |      | 12V DC, static cooling |       |      |      |      |      |      |      |      |      | W/W |
|------------------|------|------------------------|-------|------|------|------|------|------|------|------|------|-----|
| rpm \ °C         | -30  | -25                    | -23.3 | -20  | -15  | -10  | -5   | 0    | 5    | 7.2  | 10   | 15  |
| 2,000            | 1.15 | 1.34                   | 1.41  | 1.55 | 1.76 | 1.99 | 2.21 | 2.45 | 2.68 | 2.78 | 2.90 |     |
| 2,500            | 1.00 | 1.23                   | 1.30  | 1.45 | 1.67 | 1.90 | 2.14 | 2.38 | 2.62 | 2.73 |      |     |
| 3,000            | 1.03 | 1.25                   | 1.32  | 1.45 | 1.65 | 1.84 | 2.06 | 2.31 |      |      |      |     |
| 3,500            | 1.02 | 1.15                   | 1.20  | 1.33 | 1.54 | 1.76 | 2.00 |      |      |      |      |     |

| Test conditions with electronic units |                      | EN 12900/CECOMAF | ASHRAE LBP |
|---------------------------------------|----------------------|------------------|------------|
| Condensing temperature                | 101N0242<br>101N0680 | 55°C             | 54.4°C     |
| Ambient temperature                   |                      | 32°C             | 32°C       |
| Suction gas temperature               |                      | 32°C             | 32°C       |
| Liquid temperature                    |                      | no subcooling    | 32°C       |

| Accessories for BD35F      |   | Code number                |
|----------------------------|---|----------------------------|
| Bolt joint for one comp.   | Ø:16 mm   | 118-1917                   |
| Bolt joint in quantities   | Ø:16 mm   | 118-1918                   |
| Snap-on in quantities      | Ø:16 mm   | 118-1919                   |
| Remote kit (without cable) |   | 105N9210                   |
| Secop Gateway              |   | 105N9518                   |
| DC usage:                  | Automobile fuse, DIN 7258 12V: 15A   24V: 7.5 A<br>Main switch min. 20A | Not deliverable from Secop |
| AC usage:                  | Fuse, 100-240V<br>Main switch min. 6A                                   |                            |

| Compressor speed |                   |             |
|------------------|-------------------|-------------|
| Electronit unit  | Resistor (R1) [Ω] | Motor speed |
| Code number      | calculated values | [rpm]       |
| 101N0242         | 0                 | 2,000       |
| 101N0510         | 277               | 2,500       |
| 101N0680         | 692               | 3,000       |
|                  | 1523              | 3,500       |
| 101N0340         | 0                 | AEO         |
| 101N0420         | 173               | 2,000       |
| with AEO         | 450               | 2,500       |
|                  | 865               | 3,000       |
|                  | 1696              | 3,500       |

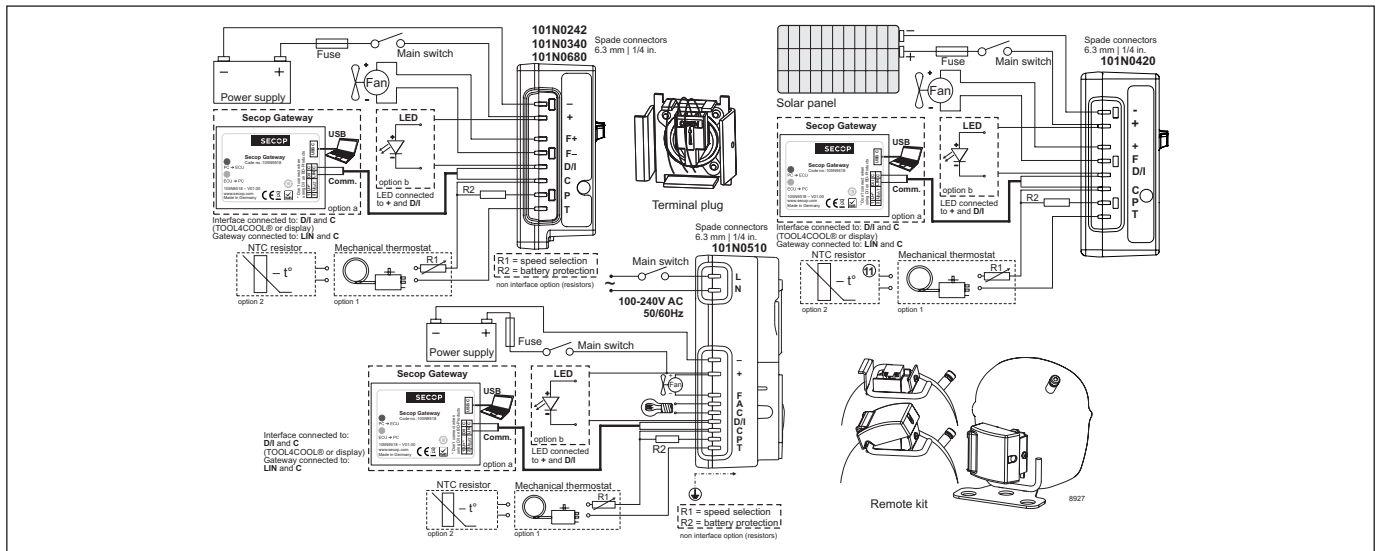
In AEO (Adaptive Energy Optimizing) speed mode the BD compressor will always adapt its speed to the actual cooling demand.

| Wire dimensions DC |       |         |                            |       |                            |       |
|--------------------|-------|---------|----------------------------|-------|----------------------------|-------|
| Cross section      | Size  |         | Max. length* 12V operation |       | Max. length* 24V operation |       |
|                    | [mm²] | [Gauge] | [m]                        | [ft.] | [m]                        | [ft.] |
| 2.5                | 12    |         | 2.5                        | 8     | 5                          | 16    |
| 4                  | 12    |         | 4                          | 13    | 8                          | 26    |
| 6                  | 10    |         | 6                          | 20    | 12                         | 39    |
| 10                 | 8     |         | 10                         | 33    | 20                         | 66    |

\*Length between battery and electronic unit

**Wire dimensions AC**  
Cross section min. 0.75 mm² or AWG 18

| Operational errors        |  |
|---------------------------|--|
| Error code or LED flashes | Error type   |
|                           | Can be read out in the software <b>TOOL4COOL®</b>  |
| 6                         | <b>Thermostat failure</b><br>(If the NTC thermistor is short-circuit or has no connection).  |
| 5                         | <b>Thermal cut-out of electronic unit</b><br>(If the refrigeration system has been too heavily loaded, or if the ambient temperature is high, the electronic unit will run too hot). |
| 4                         | <b>Minimum motor speed error</b><br>(If the refrigeration system is too heavily loaded, the motor cannot maintain minimum speed at approximately 1,850 rpm).                         |
| 3                         | <b>Motor start error</b><br>(The rotor is blocked or the differential pressure in the refrigeration system is too high (>5 bar)).  |
| 2                         | <b>Too many start attempts or fan over current</b><br>(Too many compressor or fan starts in short time or fan current higher than 0.5A <sub>avg</sub> ).                             |
| 1                         | <b>Battery protection cut-out</b><br>(The voltage is outside the cut-out setting).   |



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Instructions for Electronic Units  
are available for download on  
[www.secop.com](http://www.secop.com)



# BD Compressors



## Service/Repair



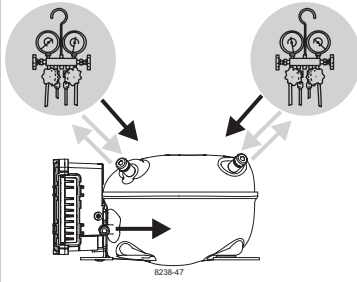
### BD Nano



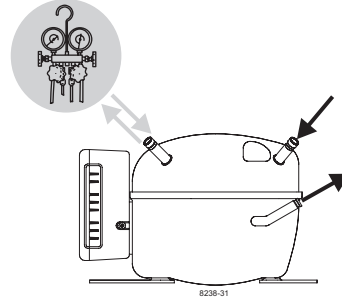
**! max. 150°C/302°F !  
at socket**  
brazing solder: silver with flux

Do not heat up the bottom of the discharge  
connector directly.  
Do not braze longer than 10 seconds and  
wait for 5 minutes for the next soldering  
attempt (Product Bulletin DES.N.101.M1).

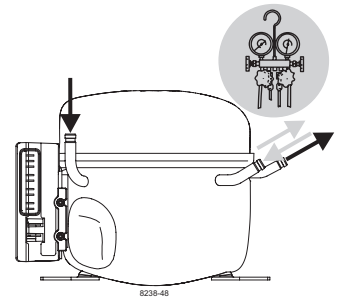
### BD Micro



### BD P-Housing



### BD T-Housing



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