

**IGNIS**

# Service Manual

## Horizontal Freezer

### AFE 947/G

| <b>Model<br/>Version</b> |                            | <b>Page</b> |
|--------------------------|----------------------------|-------------|
| AFE 947/G                |                            |             |
| 8507 947 01000           |                            |             |
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## Technical data

### Dimensions

|        |       |    |
|--------|-------|----|
| Height | 88.4  | cm |
| Width  | 134.5 | cm |
| Depth  | 64,2  | cm |

### Capacity

|       |     |   |
|-------|-----|---|
| gross | 408 | l |
| net   | 400 | l |

### Electrical connection

|           |           |    |
|-----------|-----------|----|
| Voltage   | 220 - 240 | V  |
| Frequency | 50        | Hz |

### Power consumption

|             |     |     |
|-------------|-----|-----|
| in 24 hours | 165 | kWh |
|-------------|-----|-----|

### Freezing capacity

|             |    |    |
|-------------|----|----|
| in 24 hours | 26 | kg |
|-------------|----|----|

### Compressor

|                    |            |   |
|--------------------|------------|---|
| Type               | EMT 60 HLP |   |
| Capacity (CECOMAF) | 129        | W |

### Refrigerant

|          |         |   |
|----------|---------|---|
| Type     | R 134 a |   |
| Quantity | 170     | g |

### Thermostat switching value

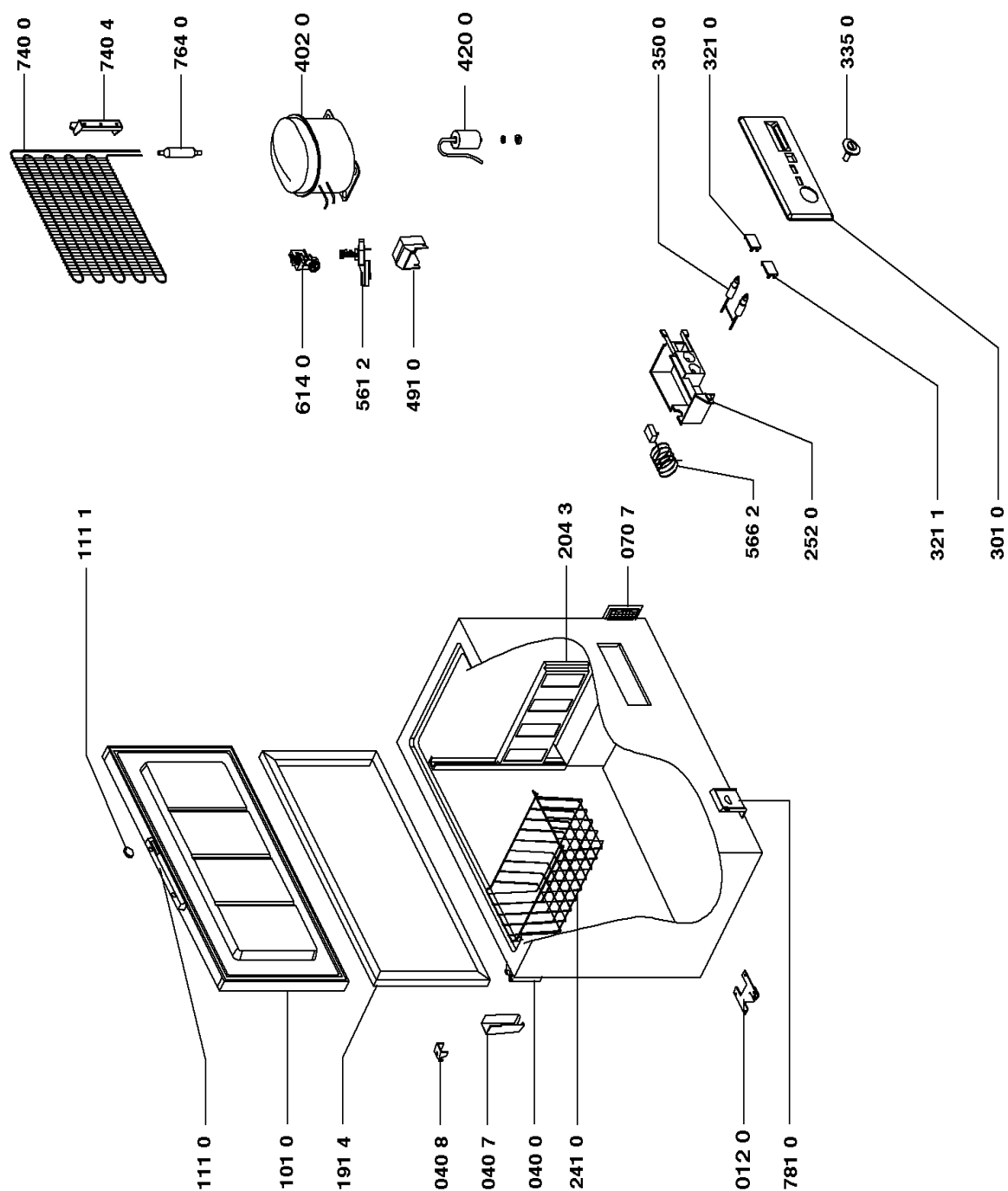
|                             |        |    |
|-----------------------------|--------|----|
| Switch on temperature min.  | - 14   | °C |
| Switch on temperature max.  | - 23.5 | °C |
| Switch off temperature min. | - 20   | °C |
| Switch off temperature max. | - 29.5 | °C |

## Spare part list

Model                    AFE 947/G  
Service No.            850794701000  
Version                850794701000

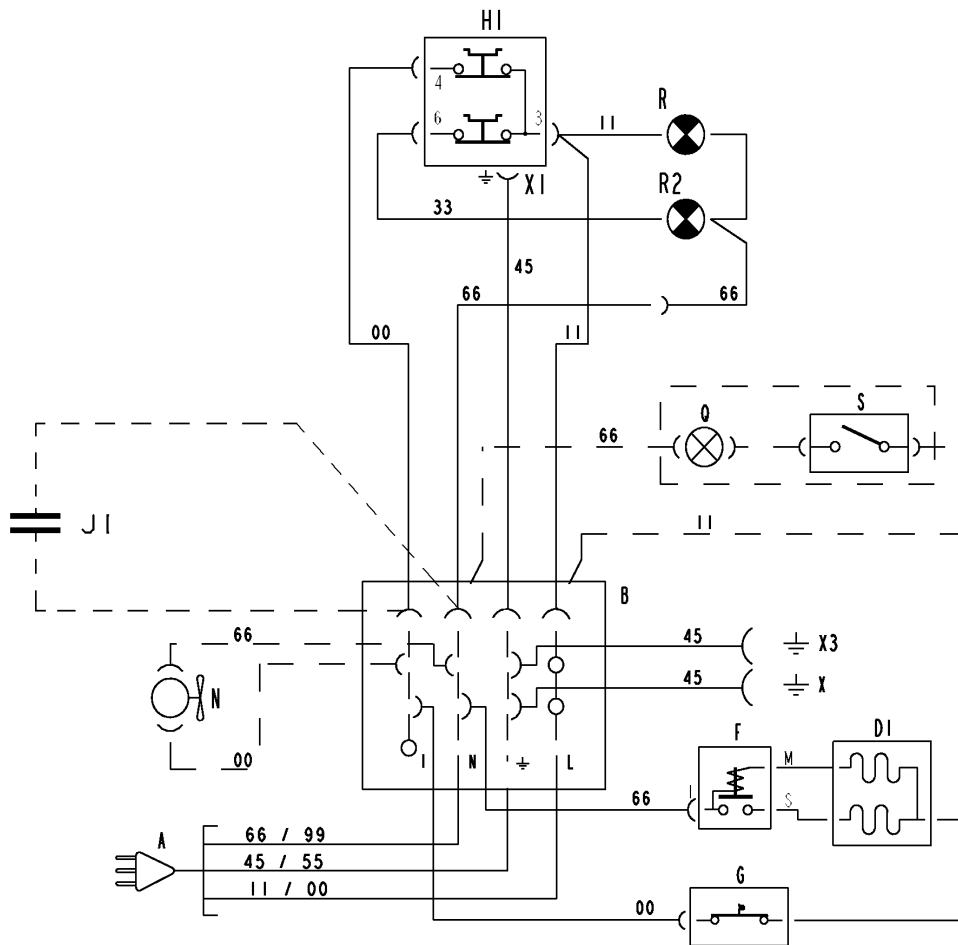
| Pos. No. | 12NC Code             | Description             | from | to |
|----------|-----------------------|-------------------------|------|----|
| 012 0    | <b>4819 462 48259</b> | Foot                    |      |    |
| 040 0    | <b>4819 417 19585</b> | Hinge                   |      |    |
| 040 7    | <b>4819 462 58187</b> | Cover,hinge             |      |    |
| 040 8    | <b>4819 462 58354</b> | Cover,hinge             |      |    |
| 070 7    | <b>4819 458 58384</b> | Grid,air                |      |    |
| 101 0    | <b>4819 442 69328</b> | Door,freezer            |      |    |
| 111 0    | <b>4819 498 78458</b> | Handle,door             |      |    |
| 111 1    | <b>4819 462 79906</b> | Cover                   |      |    |
| 191 4    | <b>4819 468 18197</b> | Gasket                  |      |    |
| 204 3    | <b>4819 442 78199</b> | Separator               |      |    |
| 241 0    | <b>4819 458 68203</b> | Basket                  |      |    |
| 252 0    | <b>4819 464 18155</b> | Casing                  |      |    |
| 301 0    | <b>4819 459 48896</b> | Frame                   |      |    |
| 321 0    | <b>4819 381 18108</b> | Lens red                |      |    |
| 321 1    | <b>4819 381 18246</b> | Lens                    |      |    |
| 335 0    | <b>4819 411 28789</b> | Knob thermostat         |      |    |
| 350 0    | <b>4819 134 48513</b> | Pilot lamp              |      |    |
| 402 0    | <b>4819 360 58753</b> | Compressor EMT 60 HLP   |      |    |
| 420 0    | <b>4819 121 18303</b> | Capacitor               |      |    |
| 491 0    | <b>4819 462 88145</b> | Cover,conn.bloc         |      |    |
| 561 2    | <b>4819 290 68431</b> | Connectionblock         |      |    |
| 566 2    | <b>4819 271 28766</b> | Thermostat A 1082 R4523 |      |    |
| 614 0    | <b>4819 690 28188</b> | Relay                   |      |    |
| 740 0    | <b>4819 511 48651</b> | Condenser               |      |    |
| 740 4    | <b>4819 404 49922</b> | Bracket                 |      |    |
| 764 0    | <b>4819 480 28144</b> | Dryer                   |      |    |
| 781 0    | <b>4819 462 48421</b> | Panel                   |      |    |

### Exploded view



0000 001 36344

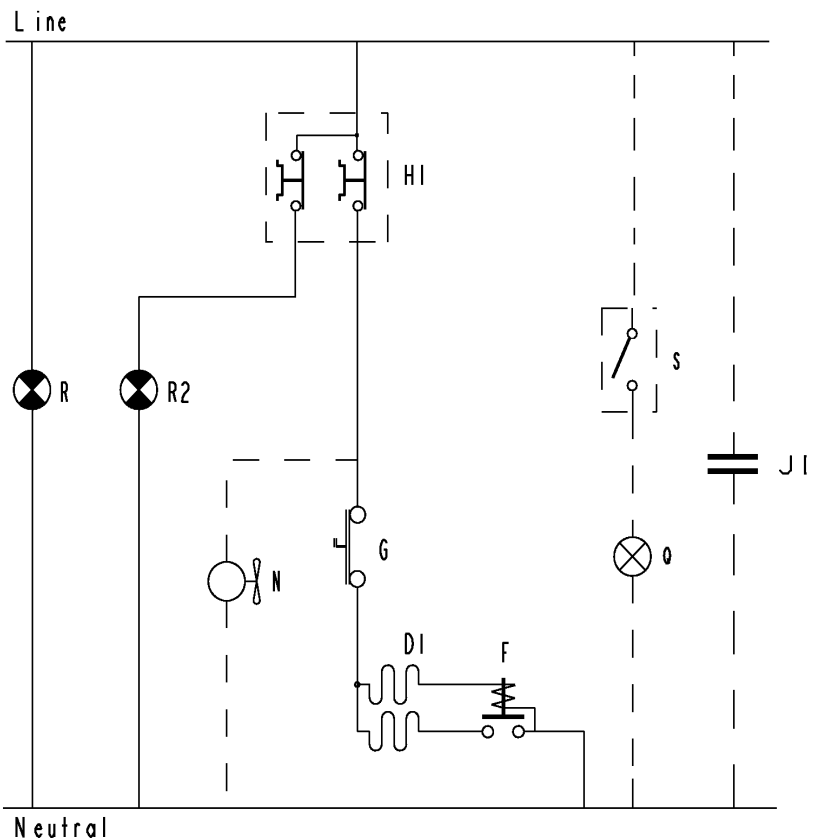
## Circuit and Wiring diagram



- DI FREEZER COMPRESSOR
- F STARTING RELAY
- G OVERLOAD PROTECTOR
- HI FREEZER THERMOSTAT
- JI CONDENSATOR
- N FAN MOTOR
- Q LAMP
- R GREEN PILOT LAMP
- R2 RED PILOT LAMP
- S SWITCH
- A PLUG
- B CONNECT BLOCK
- X COMPRESSOR EARTHING
- XI THERMOSTAT EARTHING
- X3 MOTOR-BEARER EARTHING

- 00 BLACK
- 11 BROWN
- 45 YELLOW/GREEN
- 55 GREEN
- 66 BLUE
- 99 WHITE

-- -- OPTIONAL



4619 530 02092