

# HDX 30-2

## Technical specifications



### GENERAL

|                |  |
|----------------|--|
| Type           | HDX 30-2   |
| Designated use | Add-on for Autonomous Mobile Robots, and/or as a stationary workplace - lifting pallets and other loads of up to 1.250 kg. |
| Color          | RAL9005  |
| Payload        | Max. 1.250 kg.   |
| Part No.       | 20050005   |

### DIMENSIONS (one)

|                           |                      |
|---------------------------|----------------------|
| Length                    | 1200 mm. +/- 3,0 mm. |
| Width                     | 161 mm. +/- 2,0 mm.  |
| Height                    | 90 mm. +/-3,5 mm.    |
| Height when lifted        | 150 mm. +/- 5,0 mm.  |
| Weight (Set)              | 70 kg.               |
| Standard interface set-up | Flying leads         |

### POWER

|                               |                               |
|-------------------------------|-------------------------------|
| Voltage                       | 48 V. / 24 V. (Both required) |
| Operating current / no load   | 6 A.                          |
| Operating current / Full load | 20 A.                         |

### ENVIRONMENT

|                       |                       |
|-----------------------|-----------------------|
| Duty cycle full load  | Max. 15%              |
| Ambient temperature   | -25° to +40°C         |
| Storage temperature   | -25° to +70°C         |
| Humidity              | 10-95% non-condensing |
| Operating environment | Indoor use only       |

### SAFETY

|                           |                                      |
|---------------------------|--------------------------------------|
| Closed cabinet            | Yes                                  |
| Overload protection       | Yes                                  |
| Ingress Protection        | Class 21                             |
| SLS switch                | Telemecanique XCSM - B10d = 50000000 |
| Integrated emergency stop | No                                   |

### TEST AND PERFORMANCE

|  |                |
|--|----------------|
| Life cycle test - no maintenance           | 60.000 Cycles  |
| Completed life cycle test with maintenance | 120.000 Cycles |
| CoG displacement full load                 | 150 mm.        |
| Drop test - no load                        | 500 mm.        |

### INPUT/OUTPUT

|                   |   |
|-------------------|---|
| Power connection  | Customer specific - See connector specification |
| GPIO              | Customer specific - See connector specification |
| Emergency stop    | Not in use                                      |
| SLS switch        | Customer specific - See connector specification |
| Payload detection | Optional  |