

# HDX 40E

## Technical specifications



### GENERAL

|              |   |
|--------------|---|
| Item code    | 20070000  |
| Type         | HDX 40E   |
| Designed use | Add-on for autonomous mobile robots, and/or as a stationary workplace - lifting pallets and other loads of up to 1500 kg. |
| Colour       | Matt black RAL 9005   |

### DIMENSIONS (one)

|                           |                                      |
|---------------------------|--------------------------------------|
| Length                    | 1250 mm +/- 3,0 mm                   |
| Width                     | 190 mm +/- 2,0 mm                    |
| Height                    | 90 mm +/- 3,5 mm                     |
| Height when lifted        | 150 mm +/- 5,0 mm                    |
| Weight (Set)              | 200 kg.                              |
| Standard interface set-up | Loose wire ends and quick-lock mount |

### POWER

|                             |      |
|-----------------------------|------|
| Voltage                     | 48 V |
| Operating current/no load   | 6 A  |
| Operating current/full load | 32 A |

### ENVIRONMENT

|                       |   |
|-----------------------|---|
| Duty cycle full load  | Max. 20%  |
| Ambient temperature   | -25° to +50°C (full performance from +5°C to +40°C) |
| Storage temperature   | -25° to +60°C                                       |
| Humidity              | 10-95% non-condensing                               |
| Operating environment | Industrial  |

### SAFETY

|                           |          |
|---------------------------|----------|
| Closed Cabinet            | Yes      |
| Overload protection       | Yes      |
| Ingress protection        | IP66     |
| External SLS switch       | Optional |
| Integrated emergency stop | No       |

### TEST AND PERFORMANCE

|  |                |
|--|----------------|
| Life cycle test - no maintenance           | 250.000 Cycles |
| Completed life cycle test with maintenance | 500.000 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  |

### ADD-ON

|                      |          |
|----------------------|----------|
| Slide stop           | Optional |
| Light indicator      | Optional |
| Tool mounting points | Optional |