

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