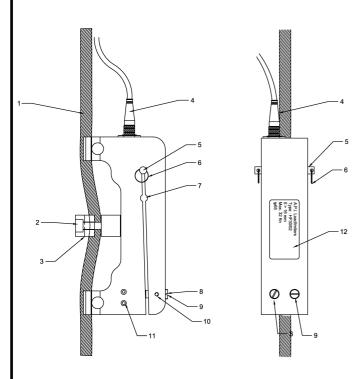
TECHNICAL

Data sheet

HF Series

UNIVERSEL Mechanical load Limiter



Components

- 1 Lifting wire rope
- 2 M5.M6.M6.M8 Screw
- 3 Fixing bracket
- 4 Electric connection cable
- 5 Axle pin
- 6 Locking ring
- 7 2e axle hole
- 8 Tare screw
- 9 Tare screw
- 10 Locking screw
- 11- Switch fixing screw (do not touch).
- 12- Identification sticker

Application

This mechanical load limiter has been specially designed to control one or two safety trip points on low and medium capacity overhead cranes.

Operating principle

The loadlimiter operates by the movement of metal within its elastic limits.

Deviation of the lifting wire rope around the loadlimiter produces a force proportioned to the load applied.

The loadlimiter incorporates one ore two microswitches, to giving one ore two "all-ornothing" signals.

Technical specification

Installation: directly on the dead end wire rope Loadlimiter: 1 ore 2 integrated microswitches 2 ore 4 contacts: 2 N.O. (normally open)

2 N.C. (normally closed)

Trip point power: max. 220 VAC.

Amperage of trip point: max. 5 amps
Connections: 7 cores electrical cable
Length of connecting cable: 2 m
Tare adjustment: fine thread screw

Resolution: 1 kN

Temperature range: from -30°C to +80°C

Protection class: I.P 65

Material of load cell: aluminium alloy

Finish: red anodised

Maintenance: none required other than keeping it

clean.

Identification HF series

| Туре | Wire rope ∅ | Capacity KG | Length | Wide | Thickness |
|----------|------------------|----------------------|--------|--------|-----------|
| HF 16/01 | from 4 to 10 mm | from 250 to 1600 | 120 mm | 59 mm | 28 mm |
| HF 30/02 | from 5 to 16 mm | from 500 to 3.200 | 149 mm | 69 mm | 39 mm |
| HF 32/02 | from 16 to 26 mm | from 1.000 to 6.000 | 199 mm | 98 mm | 49 mm |
| HF 34/02 | from 25 to 36 mm | from 5.000 to 15.000 | 279 mm | 137 mm | 69 mm |

