

SDS

STANAG Distance Sign

Compliances:

- NATO: STANAG 3316

Manual:

- Instruction Manual **UT-MT-0243**



Applications:

- STANAG distance signs, model SDS, are designed for use on military, or combined civil-military airfields, and provide to the pilot, either by day or night, the following different indications:
 - ❖ the runway distance remaining from the runway end in thousands of feet
 - ❖ the position of the pendant cables for arrester hook engagement
 - ❖ the position where the pendent cables must be used to stop in case of failed take-off.
- Colours may be white or yellow on black background, depending on the application as defined by STANAG.

Characteristics:

- Designed in compliance with FAA 150/5345-44
- Structural integrity assured by extruded aluminium profiles
- External finishing matte black
- Metric hardware
- Two long life fluorescent lamps, each powered through a dedicated singlelamp electronic ballast for maximum reliability
- Operating temperature: -20°C to +55°C
- **Constant average sign luminance** at any series current step from 2.8 A through 6.6 A
- Sign face with translucent message
- Message on one or two faces
- Breakable couplings may be pre-installed on concrete pad and sign lowered onto them for easy installation
- Power entry enclosed into a protective flexible pipe
- An external power disconnecting switch is provided to break all electrical connections to the sign for safe maintenance
- Operates from 1 step (6.6 A) or 3 steps (4.8 A to 6.6 A) or 5 steps (2.8 A to 6.6 A) series lighting circuit through 200 W 6.6/6.6 A isolating transformers.
- Power required to CCR: ≤ 150 VA at 6.6 A, ≤ 200 VA at 4.8-6.6 A, ≤ 250 VA at 2.8-6.6 A
- Power factor not less than 0.90 at any series current step from 2.8 A through 6.6 A

How To Order:

SDSXX - 1 - 02 - 70 - XX

Basic Part Number: _____

Application: _____
D = Runway Distance Sign
B = Arrester Cable Sign
X = Use of Arrester Cable
in Case of Failed Take-Off

Number of Faces: _____
1 = Single Face
2 = Double Face

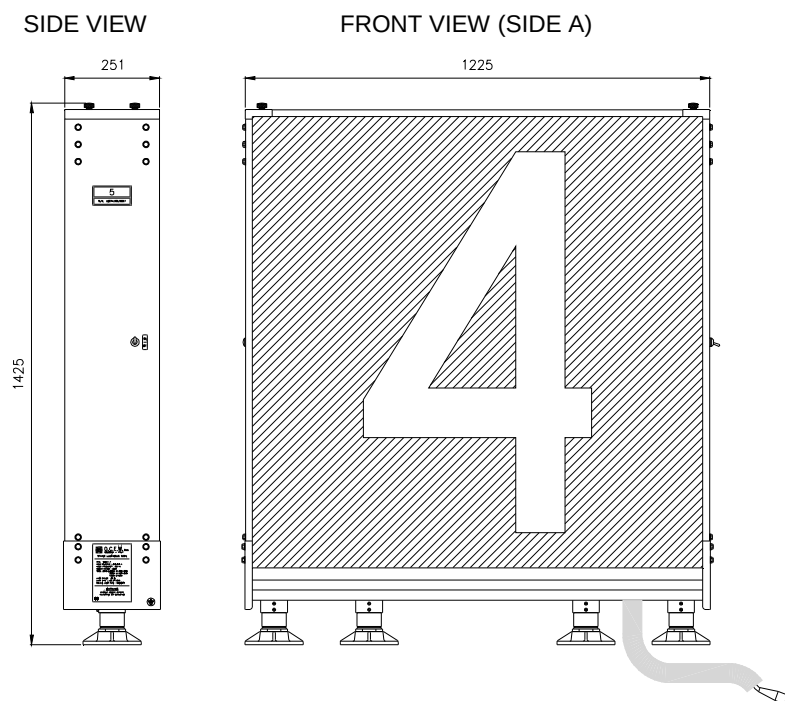
Number of Modules: 1 _____

Always installed : _____
02 = Two Tethers
70 = Bird Spikes

Options: _____
77 = Filter to Allow the Sensor
Power Unit (MS) Operation

- Tables with retro-reflective panels (opt. 23) are available as a special version. Contact OCem for further details.
- To construct the catalogue number, add to the basic part number the size code and the number of faces
- If required, any option can be added
- Floor flanges included; anchor bolts not included
- Order separately the isolation transformer, and any other transformer housing with base plate and gasket, pipe elbow or connector kit
- The colours of the sign face and the legends must be specified for each sign
- When facing side A, the power entry is on the right
- Orders should always specify the message orientation

Layout Drawings:



Accessories:

[P/N]	Description
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013.0010	Set of two ryton rings for receptacle support inside pipe elbow.
013.0008	Galvanized steel pipe elbow with upper threaded end only.
315.3210	Galvanized steel pipe elbow with both threaded ends.
315.1228	Base L-867, Class I, Size B, 24" deep.
315.1062	Baseplate for L-867 base with gasket and cable clamp.
315.4150	M12x60 anchoring rod, 250 mm long, complete with hardware(4 pieces for each floor flange)

For any information about isolating transformers and connectors, please see the specific catalogue pages

Renewal Parts:

[P/N]	Description
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303.7325	Breakable coupling
303.7310	Floor flange
760.3615	30W fluorescent lamp, dia 26 mm
760.3616	30W fluorescent lamp, dia 26 mm (for signs with retroreflective panels)
169.5210	G13 lampholder (IP 67) with hardware
657.0045	Single-lamp electronic ballast
150.1964	Electronic card E897
323.2367	Cable lead with plug
464.0238	ON-OFF switch
470.0218	Rubber cap for switch
169.6130	LC filter (for operation on series circuit with Single Burnt-out Lamp Detection Devices) (option 77)

Shipping Weights and Volumes:

Weight	65 kg
Volume	0.52 m ³



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