

Dillon Model DSW Dyna-Switch Crane/Hoist Overload Prevention Mechanical Force-Actuated Control

| Model | DSW-1 | DSW-2 | DSW-3 | DSW-4 | DSW-5 | DSW-6 | DSW-7 |
|---------------------------|-------|-------|-------|-------|--------|---------|---------|
| Capacity (lb) | 100 | 1,000 | 2,000 | 5,000 | 10,000 | 25,000 | 50,000 |
| Min. set pt. (lb) | 15 | 100 | 200* | 500 | 1,000* | 1,250* | 2,500* |
| Repeatability | ±3 | ±30 | ±60 | ±150 | ±300 | ±750 | ±1,500 |
| Base Price | \$565 | \$590 | \$630 | \$760 | \$795 | \$1,245 | \$1,495 |
| A-Switch | | | | | | | |
| Low differential - ea. | \$95 | \$95 | N/A | \$95 | N/A | N/A | N/A |
| J-Switch-weatherproof | | | | | | | |
| Low differential - ea. | \$150 | \$150 | N/A | \$150 | N/A | N/A | N/A |
| B-Switch | | | | | | | |
| Weatherproof - ea. | N/A | N/A | \$260 | N/A | \$260 | \$255 | \$260 |
| C-Switch | | | | | | | |
| Explosionproof - ea. | N/A | N/A | \$460 | N/A | \$460 | \$460 | \$460 |
| D-Rod end connector - ea. | \$45 | \$65 | N/A | N/A | N/A | N/A | N/A |
| E-Compression ball - ea. | \$65 | \$130 | \$180 | \$195 | \$215 | \$310 | \$480 |
| F-Lifting eye - ea. | N/A | N/A | \$195 | N/A | \$195 | N/A | N/A |
| G-Shackle Assembly- ea. | N/A | \$295 | \$295 | \$295 | \$295 | \$515 | \$1,900 |
| H-Hook - ea. | N/A | N/A | \$750 | N/A | \$750 | N/A | N/A |
| S-Stud - ea. | \$70 | \$140 | \$205 | \$205 | \$205 | \$285 | N/A |

* Multiply by 3 for C-Switch option

Note:

Shackle adapters and rod end connectors are located perpendicular to each other on top and bottom to minimize side load errors. The plane of the top fitting lifting opening is parallel to beam length. Lifting eyes and hooks are oriented parallel to beam for minimum clearance. Switch setting is done with fittings installed for best performance.

There is no charge for switch setting if specified when order is placed and done at the time of original manufacture.

Options are not available separately; only as part of a complete Dyna-Switch assembly.

- How to order:
1. Specify model number
 2. Specify switch option and quantity
 3. Specify fitting option desired on top of force beam
 4. Specify fitting option desired on bottom of force beam
 5. Specify switch set point(s) and direction if factory setting is desired

Example: 10,000 lb range, with two weatherproof switches, with lifting eye on top and shackle and adapter on bottom. Switch settings at 5,000 and 7,000 lb (*both*)

Specify: DSW-5-B2-F-G

Price example: \$770 + (2 x \$255) + \$190 + \$285=\$1,755

Set switches at 5,000 (*ascending*) and 7,000 lb (*ascending*)

Dillon Model CGS Cranegard

Wire Rope Hoist & Crane Overload Protection Device

1. Basic Cranegard Unit (without switches)

(Can accommodate up to four (4) option B weatherproof, or up to two (2) option C explosionproof microswitches)

| | Model CGS-1 | Model CGS-2 | Model CGS-3 | Model CGS-4 |
|-----------------------|----------------|----------------|----------------|----------------|
| Capacity in lb | 2,500 | 5,000 | 10,000 | 20,000 |
| Minimum Set Point lb* | 100 | 200 | 400 | 800 |
| Repeatability lb | 75 | 150 | 300 | 600 |
| Rope Diameter** | | | | |
| Inches Min. | 3/16 | 3/8 | 7/16 | 5/8 |
| Inches Max. | 1/2 | 7/8 | 7/8 | 1-1/4 |
| List Price | \$1,510 | \$1,560 | \$1,575 | \$2,500 |

* Multiply by three (3) for option C microswitch.

** Specify rope diameter on order.

Notes:

1. Overload rating of all units is 2X.
2. Cables should be IRWC (Independent Wire Rope Core) with as many strands as possible.
3. Wire rope selection for any application for proper safety factor is a customer responsibility.
4. Inquire for special rope diameters not listed above.
5. Calibration performed with rope diameter specified on order.
6. The specified calibration load must not be greater than the capacity of the Cranegard or the working strength of the cable/rope specified with appropriate rating reductions for clamping.
7. Factory calibration of switch set point offered at no additional charge. Specify one set point per switch and if load is ascending or descending.
8. Capacity ratings of Dillon's calibration slings may prohibit some switch settings with smaller diameter rope. Call the factory for any limitations.

2. Switch Options- Select quantity, add to base price. Specify set point(s) if factory setting is desired.

| | | | <u>List Price</u> |
|----------|------------|--------------|-------------------|
| Option B | 1 switch | Add to price | \$520 |
| Option B | 2 switches | Add to price | \$630 |
| Option B | 3 switches | Add to price | \$735 |
| Option B | 4 switches | Add to price | \$845 |
| Option C | 1 switch | Add to price | \$860 |
| Option C | 2 switches | Add to price | \$1,275 |

3. How to Order:

Example: One unit, 5,000 pounds capacity with pulleys grooved for 5/8" rope diameter, with three weather proof option B switches, set at 2,000, 3,000, and 4000 pounds (*all ascending*). Specify by model number: CGS-2-B3, for 5/8" rope diameter. Set switches at 2,000 lb (*ascending*) 3,000 lb (*ascending*) and 4,000 lb (*ascending*).
Price example: \$1,515 + \$715= \$2,230