

Manual Magnetic Disconnect Switches

Price List 4245 • January 2021, Replaces December 2011

Discount Code ES

DC Manual Magnetic Disconnect Switches
2 Pole, 230/250 Volts DC

| Contactor | | Crane Rating | | NEMA Type 12 | | NEMA Type 3R | |
|------------|-----------|--------------------|-----------------------|---------------|------------|---------------|------------|
| Cont. Amps | NEMA Size | Max Total Motor Hp | Max Hp for Any Motion | Part Number | List Price | Part Number | List Price |
| 100 | 3 | 55 | 35 | HC4245D031200 | \$19,756 | HC4245D033R00 | \$20,336 |
| 150 | 4 | 80 | 55 | HC4245D041200 | \$21,572 | HC4245D043R00 | \$22,150 |
| 300 | 5 | 160 | 110 | HC4245D051200 | \$26,410 | HC4245D053R00 | \$26,990 |
| 400 | 5A* | 213 | 140 | HC4245D5A1200 | \$29,434 | HC4245D5A3R00 | \$30,014 |
| 600 | 6 | 320 | 225 | HC4245D061200 | \$35,708 | HC4245D063R00 | \$36,288 |
| 900 | 7 | 480 | 330 | HC4245D071200 | \$45,082 | HC4245D073R00 | \$45,662 |
| 1350 | 8 | 725 | 500 | HC4245D081200 | \$60,958 | HC4245D083R00 | \$61,538 |
| 1800 | 77 | 960 | 660 | HC4245D771200 | \$81,824 | HC4245D773R00 | \$82,404 |
| 2700 | 88 | 1450 | 1000 | HC4245D881200 | \$114,332 | HC4245D883R00 | \$114,912 |

AC Manual Magnetic Disconnect Switches
3 Pole, 240/480 Volts, 3 Phase, 50/60 Hz

| Contractor | | Crane Rating | | | | NEMA Type 12 | | NEMA Type 3R | |
|------------|-----------|--------------------|------|-----------------------|------|---------------|------------|---------------|------------|
| Cont. Amps | NEMA Size | Max Total Motor Hp | | Max Hp for Any Motion | | Part Number | List Price | Part Number | List Price |
| | | 240V | 480V | 240V | 480V | | | | |
| 100 | 3 | 63 | 125 | 40 | 80 | HC4245A031200 | \$24,746 | HC4245A033R00 | \$25,326 |
| 150 | 4 | 110 | 225 | 63 | 125 | HC4245A041200 | \$25,654 | HC4245A043R00 | \$26,234 |
| 300 | 5 | 225 | 450 | 150 | 300 | HC4245A051200 | \$33,818 | HC4245A053R00 | \$34,398 |
| 400 | 5A* | 300 | 600 | 200 | 400 | HC4245A5A1200 | \$43,118 | HC4245A5A3R00 | \$43,696 |
| 600 | 6 | 450 | 900 | 300 | 600 | HC4245A061200 | \$61,714 | HC4245A063R00 | \$62,294 |
| 900 | 7 | 675 | 1350 | 450 | 900 | HC4245A071200 | \$88,174 | HC4245A073R00 | \$88,754 |
| 1350 | 8 | 900 | 1800 | 600 | 1200 | HC4245A081200 | \$128,998 | HC4245A083R00 | \$129,578 |
| 1800 | 77 | 1350 | 2700 | 900 | 1800 | HC4245A771200 | \$150,268 | HC4245A773R00 | \$150,848 |
| 2700 | 88 | 1800 | 3600 | 1200 | 2400 | HC4245A881200 | \$171,512 | HC4245A883R00 | \$172,090 |

*Euclid Rating

- NEMA type 4 & NEMA type 4X Stainless Steel cabinets available on special request.
- When applied to cranes or other intermittent service applications, the continuous ampere rating shall not be less than 50% of the total current required for all motors, nor less than 75% of the current required by any single motion.
- 575 V. AC devices are available on request.
- Consult factory for pricing and availability on special request items.

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| DC Manual Magnetic Modifications | | | | | | | | | | |
|---|--|------------------|----------|----------|-----------|----------|----------|----------|-----------|-----------|
| Mod. | Description | NEMA Size | | | | | | | | |
| | Power Devices | 3 | 4 | 5 | 5A | 6 | 7 | 8 | 77 | 88 |
| 2 | (2) Load Side Power fuses & fuse clips | \$3,024 | \$3,780 | \$6,048 | \$7,258 | \$10,584 | \$12,096 | \$18,900 | \$22,680 | \$34,020 |
| 3 | (2) Load Side Power fuse clips only | \$1,512 | \$1,814 | \$2,722 | \$3,024 | \$4,536 | \$5,292 | \$7,740 | \$9,072 | \$13,608 |
| Control Circuit Devices | | | | | | | | | | |
| 4 | Additional N.O. & N.C. Control Circuit | \$756 | \$756 | \$756 | \$756 | \$756 | \$756 | \$756 | \$756 | \$756 |
| 5 | Flange Mounted Indicating Lights; (1) red, (1) green | \$1,512 | \$1,512 | \$1,512 | \$1,512 | \$1,512 | \$1,512 | \$1,512 | \$1,512 | \$1,512 |
| 6 | Flange Mounted "On-Off" buttons | \$1,360 | \$1,360 | \$1,360 | \$1,360 | \$1,360 | \$1,360 | \$1,360 | \$1,360 | \$1,360 |
| 7 | Arc Suppressors for Pushbuttons or Radio Operation | \$756 | \$756 | \$756 | \$756 | \$756 | \$756 | \$756 | standard | standard |
| 8 | "Power On-Off" Surface Mounting Pushbutton Station Type 2000 for separate mounting: P/N HC99826005 | \$882 | \$882 | \$882 | \$882 | \$882 | \$882 | \$882 | \$882 | \$882 |
| Provision for Lifting Magnet Service | | | | | | | | | | |
| 9 | (1) 50 Amp N.C. Contact and Discharge Resistor | \$4,384 | \$4,384 | \$4,384 | \$4,384 | -- | -- | -- | -- | -- |
| 20 | Interior cabinet light with wall switch | \$2,520 | \$2,520 | \$2,520 | \$2,520 | \$2,520 | \$2,520 | \$2,520 | \$2,520 | \$2,520 |
| 21 | Space heater with thermostat | \$3,478 | \$3,478 | \$3,478 | \$3,478 | \$3,478 | \$3,478 | \$3,478 | \$3,478 | \$3,478 |
| 22 | Non-standard cabinet (dimensions, paint) | \$2,646 | \$2,646 | \$4,384 | \$4,384 | \$6,224 | \$6,224 | \$6,224 | \$8,114 | \$8,114 |

| AC Manual Magnetic Modifications | | | | | | | | | | |
|---|---|------------------|----------|----------|-----------|----------|----------|----------|-----------|-----------|
| Mod. | Description | NEMA Size | | | | | | | | |
| | Power Devices | 3 | 4 | 5 | 5A | 6 | 7 | 8 | 77 | 88 |
| 11 | (3) Power Fuses & Fuse Clips | \$4,536 | \$6,048 | \$9,072 | \$10,886 | \$15,876 | \$18,144 | \$28,350 | \$34,020 | \$42,210 |
| 12 | (3) Power Fuse Clips Only | \$2,268 | \$2,722 | \$4,536 | \$4,536 | \$6,804 | \$8,014 | \$11,340 | \$16,380 | \$22,050 |
| Control Circuit Devices | | | | | | | | | | |
| 13 | Molded Case Circuit Breaker instead of Fused Disconnect Switch | \$1,512 | \$1,512 | \$1,512 | \$1,512 | \$1,512 | \$1,512 | \$1,512 | \$1,512 | \$1,512 |
| 14 | Additional N.O. & N.C. Control Circuit Contact | \$756 | \$756 | \$756 | \$756 | \$756 | \$756 | \$756 | \$756 | \$756 |
| 15 | Flange Mounted Indicating Lights; (1) red, (1) green | \$1,512 | \$1,512 | \$1,512 | \$1,512 | \$1,512 | \$1,512 | \$1,512 | \$1,512 | \$1,512 |
| 16 | Flange Mounted "On-Off" buttons | \$1,360 | \$1,360 | \$1,360 | \$1,360 | \$1,360 | \$1,360 | \$1,360 | \$1,360 | \$1,360 |
| 17 | Arc Suppressors for Pushbuttons or Radio Operation | \$756 | \$756 | \$756 | \$756 | \$756 | \$756 | \$756 | \$756 | \$756 |
| 18 | "Power On-Off" Surface Mounting Pushbutton Station Type 2000 for separate mounting: P/N HC99826005, or P/N HC99826010 w/ Mod. #19 | \$882 | \$882 | \$882 | \$882 | \$882 | \$882 | \$882 | \$882 | \$882 |
| 19 | 120V AC Interface Control Relay | \$3,024 | \$3,024 | \$3,024 | \$3,024 | \$3,024 | \$3,024 | \$3,024 | \$3,024 | \$3,024 |
| 20 | Interior cabinet light with wall switch | \$2,520 | \$2,520 | \$2,520 | \$2,520 | \$2,520 | \$2,520 | \$2,520 | \$2,520 | \$2,520 |
| 21 | Space heater with thermostat | \$3,478 | \$3,478 | \$3,478 | \$3,478 | \$3,478 | \$3,478 | \$3,478 | \$3,478 | \$3,478 |
| 22 | Non-standard cabinet (dimensions, paint) | \$2,646 | \$2,646 | \$4,384 | \$4,384 | \$6,224 | \$6,224 | \$6,224 | \$8,114 | \$8,114 |

Renewal Parts

| Contact Kits | | | |
|---------------|------------|-------------|---------------------|
| Size | Qty. Req'd | Part Number | List Price Disc. EW |
| ** 3, 4 AC | 3 | HC59672008 | \$2,656 |
| ** 3, 4 DC | 2 | HC59672008 | \$2,656 |
| ** 5, 5A AC | 3 | HC59672025 | \$2,980 |
| ** 5, 5A DC | 2 | HC59672025 | \$2,980 |
| ** 6, 7, 8 AC | 3 | HC59672114 | \$4,600 |
| 6, 7, 8 DC | 2 | HC59672142 | \$4,276 |
| 77, 88 AC | 6 | HC59672114 | \$4,600 |
| 77, 88 DC | 4 | HC59672142 | \$4,276 |

| Arc Shield Kits | | | |
|-----------------|------------|-------------|---------------------|
| Size | Qty. Req'd | Part Number | List Price Disc. EW |
| 3, AC | 3 | HC59673001 | \$612 |
| 4, AC | 3 | HC59673002 | \$612 |
| 3, DC | 2 | HC59673001 | \$612 |
| 4, DC | 2 | HC59673002 | \$612 |
| 5, 5A, AC | 3 | HC59673003 | \$904 |
| 5, 5A, DC | 2 | HC59673003 | \$904 |
| 6, 7, 8, AC | 3 | HC59662811 | \$2,670 |
| 6, 7, 8, DC | 2 | HC59662806 | \$1,846 |
| 77, 88, AC | 6 | HC59662811 | \$2,670 |
| 77, 88, DC | 4 | HC59662806 | \$1,846 |

Note: Contact Kits include: (1) movable contact, (1) stationary contact, spring and hardware. **An arc horn is included in these sizes: AC: 3, 4, 5, 5A, 6, 7 & 8; DC: 3, 4, 5 & 5A.

| Size | AC | | | | DC | | | |
|------|------------|---------------------|-----------------|---------------------|------------|---------------------|-----------------|---------------------|
| | Contactors | List Price Disc. EU | Operating Coils | List Price Disc. EW | Contactors | List Price Disc. EU | Operating Coils | List Price Disc. EW |
| 3 | HC59337312 | \$2,390 | HC19912000 | \$1,514 | HC59335305 | \$4,780 | HC17487000 | \$972 |
| 4 | HC59347308 | \$2,772 | HC19912000 | \$1,514 | HC59345305 | \$5,544 | HC17487000 | \$972 |
| 5 | HC59675463 | \$3,642 | HC67890004 | \$1,798 | HC59495311 | \$7,284 | HC67890003 | \$1,798 |
| 5A | HC59676463 | \$4,686 | HC67890004 | \$1,798 | HC59656311 | \$9,372 | HC67890003 | \$1,798 |
| 6 | HC59600631 | \$6,693 | HC69643005 | \$1,506 | HC59600312 | \$13,386 | HC69643004 | \$1,506 |
| 7 | HC59700631 | \$11,008 | HC69643005 | \$1,506 | HC59700312 | \$22,016 | HC69643004 | \$1,506 |
| 8 | HC59800631 | \$12,331 | HC69643005 | \$1,506 | HC59800312 | \$24,662 | HC69643004 | \$1,506 |
| 77 | HC59700632 | \$11,008 | HC69643006 | \$1,506 | HC59700312 | \$22,016 | HC69643004 | \$1,506 |
| 88 | HC59800632 | \$12,331 | HC69643006 | \$1,506 | HC59800312 | \$24,662 | HC69643004 | \$1,506 |

