



RVS-DX 'Standard Duty' Soft Starter with built-in bypass 400V Models (for 208-400V)

| Model number | Options | HP@208-230V | Description | Qty | List Price |
|-------------------|-----------|-------------|---------------|-----|------------|
| RVSDX-44-400-115 | -3M-8-U-S | 15 | standard unit | 2 | \$1,403.00 |
| RVSDX-72-400-115 | -3M-8-U-S | 25 | standard unit | 2 | \$1,503.00 |
| RVSDX-105-400-115 | -3M-8-U-S | 40 | standard unit | 2 | \$2,233.00 |
| RVSDX-145-400-115 | -3M-8-U-S | 50 | standard unit | 2 | \$2,634.00 |
| RVSDX-170-400-115 | -3M-8-U-S | 60 | standard unit | 1 | \$2,944.00 |

RVS-DX 'Standard Duty' Soft Starter with built-in bypass 230-480V Models

| Model number | Options | HP@230V | HP@460V | Description | Qty | List Price |
|--------------------|-------------|---------|---------|---------------|-----|------------|
| RVSDX-17-480-115 | -3M-8-U-S | 5 | 10 | standard unit | 7 | \$1,316.00 |
| RVSDX-31-480-115 | -3M-8-U-S | 10 | 20 | standard unit | 27 | \$1,358.00 |
| RVSDX-44-480-115 | -3M-8-U-S | 15 | 30 | standard unit | 20 | \$1,403.00 |
| RVSDX-58-480-115 | -3M-8-U-S | 20 | 40 | standard unit | 10 | \$1,466.00 |
| RVSDX-72-480-115 | -3M-8-U-S | 25 | 50 | standard unit | 3 | \$1,503.00 |
| RVSDX-85-480-115 | -3M-8-U-S | 30 | 60 | standard unit | 3 | \$1,785.00 |
| RVSDX-85-480-115 | -3M-8-D-U-S | 30 | 60 | remote keypad | 3 | \$2,242.00 |
| RVSDX-105-480-115 | -3M-8-U-S | 40 | 75 | standard unit | 5 | \$2,233.00 |
| RVSDX-145-480-115 | -3M-8-U-S | 50 | 100 | standard unit | 13 | \$2,634.00 |
| RVSDX-170-480-115 | -3M-8-U-S | 60 | 125 | standard unit | 1 | \$2,944.00 |
| *RVSDX-210-480-115 | -3M-8-S | 75 | 150 | standard unit | 3 | \$3,929.00 |
| *RVSDX-210-480-115 | -3M-8-D-S | 75 | 150 | remote keypad | 1 | \$4,386.00 |
| *RVSDX-310-480-115 | -3M-8-S | 100 | 250 | standard unit | 1 | \$4,769.00 |
| *RVSDX-390-480-115 | -3M-8-S | 125 | 300 | standard unit | 1 | \$6,149.00 |
| *RVSDX-460-480-115 | -3M-8-S | 175 | 350 | standard unit | 1 | \$7,057.00 |
| *RVSDX-460-480-115 | -3M-8-D-S | 175 | 350 | remote keypad | 1 | \$7,514.00 |
| *RVSDX-580-480-115 | -3M-8-S | 225 | 450 | standard unit | 2 | \$8,793.00 |
| *RVSDX-580-480-115 | -3M-8-D-S | 225 | 450 | remote keypad | 2 | \$9,250.00 |

*RVSDX-210A & above replaced by RVSDXM model (see next page).

RVS-DX 'Standard Duty' Soft Starter with built-in bypass 600V Models

| Model number | Options | HP@600V | Description | Qty | List Price |
|-------------------|-----------|---------|---------------|-----|------------|
| RVSDX-17-600-115 | -3M-8-U-S | 15 | standard unit | 4 | \$1,447.00 |
| RVSDX-31-600-115 | -3M-8-U-S | 25 | standard unit | 6 | \$1,493.00 |
| RVSDX-44-600-115 | -3M-8-U-S | 40 | standard unit | 2 | \$1,544.00 |
| RVSDX-58-600-115 | -3M-8-U-S | 50 | standard unit | 1 | \$1,613.00 |
| RVSDX-72-600-115 | -3M-8-U-S | 60 | standard unit | 5 | \$1,653.00 |
| RVSDX-85-600-115 | -3M-8-U-S | 75 | standard unit | 2 | \$1,964.00 |
| RVSDX-105-600-115 | -3M-8-U-S | 100 | standard unit | 3 | \$2,457.00 |
| RVSDX-145-600-115 | -3M-8-U-S | 125 | standard unit | 0 | \$2,898.00 |
| RVSDX-170-600-115 | -3M-8-U-S | 150 | standard unit | 3 | \$3,239.00 |

Size unit according to motor FLA. All RVSDXM units include Modbus communications, special treatment for harsh environments (conformal coated PC boards, etc) and integral bypass contactor.



RVS-DXM 'General Duty' Soft Starter with built-in bypass 208-400V Models

| Model number | Options | HP @ 208 / 230V | | Description | Qty | List Price |
|--------------------|----------------|-----------------|-----|-------------|-----|------------|
| RVSDXM-210-400-115 | -3M-5-8-66-U-S | 60 | 75 | 6 bus bar | 11 | \$3,560.00 |
| RVSDXM-240-400-115 | -3M-5-8-66-U-S | 75 | 100 | 6 bus bar | 5 | \$3,693.00 |
| RVSDXM-310-400-115 | -3M-5-8-66-U-S | 100 | 125 | 6 bus bar | 10 | \$3,809.00 |
| RVSDXM-360-400-115 | -3M-5-8-66-U-S | 125 | 150 | 6 bus bar | 0 | \$4,200.00 |
| RVSDXM-414-400-115 | -3M-5-8-66-U-S | 150 | 175 | 6 bus bar | 2 | \$4,914.00 |
| RVSDXM-477-400-115 | -3M-5-8-66-U-S | 175 | 200 | 6 bus bar | 2 | \$6,176.00 |
| RVSDXM-515-400-115 | -3M-5-8-66-U-S | 200 | 225 | 6 bus bar | 2 | \$6,816.00 |
| RVSDXM-590-400-115 | -3M-5-8-66-U-S | 225 | 250 | 6 bus bar | 1 | \$8,087.00 |
| RVSDXM-720-400-115 | -3M-5-8-66-U-S | 250 | 300 | 6 bus bar | 1 | \$8,507.00 |

RVS-DXM 'General Duty' Soft Starter with built-in bypass 440-600V Models

| Model number | Options | HP @ 460 & 600V | | Description | Qty | List Price |
|---------------------|---------------------------------|-----------------|------|-------------|-----|-------------|
| RVSDXM-210-600-115 | -3M-5-8-66-U-S | 150 | 200 | 6 bus bar | 19 | \$4,114.00 |
| RVSDXM-240-600-115 | -3M-5-8-66-U-S | 200 | 250 | 6 bus bar | 8 | \$4,245.00 |
| RVSDXM-240-600-230 | -3M-5-8-66-U-S | 200 | 250 | 6 bus bar | 1 | \$4,245.00 |
| RVSDXM-310-600-115 | -3M-5-8-66-U-S | 250 | 300 | 6 bus bar | 17 | \$4,800.00 |
| RVSDXM-360-600-115 | -3M-5-8-66-U-S | 300 | 350 | 6 bus bar | 24 | \$5,648.00 |
| RVSDXM-414-600-115 | -3M-5-8-66-U-S | 350 | 400 | 6 bus bar | 28 | \$6,154.00 |
| RVSDXM-477-600-115 | -3M-5-8-66-U-S | 400 | 450 | 6 bus bar | 21 | \$6,762.00 |
| RVSDXM-515-600-115 | -3M-5-8-66-U-S | 450 | 500 | 6 bus bar | 21 | \$7,428.00 |
| RVSDXM-590-600-115 | -3M-5-8-66-U-S | 500 | 600 | 6 bus bar | 5 | \$8,590.00 |
| RVSDXM-720-600-115 | -3M-5-8-66-U-S | 600 | 700 | 6 bus bar | 1 | \$9,260.00 |
| RVSDXM-840-600-115 | -3M-5-8-66-U-S | 700 | 800 | 6 bus bar | 3 | \$10,558.00 |
| RVSDXM-960-600-115 | -3M-5-8-66-U-S | 800 | 900 | 6 bus bar | 6 | \$12,930.00 |
| RVSDXM-1100-600-115 | -3M-5-8-66-U-S | 900 | 1000 | 6 bus bar | 2 | \$13,340.00 |
| DISP6650158 | Remote Display for RVSDXM Model | | | | 9 | \$457.00 |

Size unit according to motor FLA. All RVSDX & RVSDXM units include Modbus communications, special treatment for harsh environments (conformal coated PC boards, etc) and integral bypass contactor.

RVS-DN 'Heavy Duty' Soft Starter 230-480V Models

| Model number | Options | HP @ 460V | Description | Qty | List Price |
|-------------------|--------------------------|-----------|---|-----|------------|
| RVSDN-17-480-115 | -3M-8-9-U-S | 10 | Heavy duty soft starter; includes provisions for adding customer supplied, external bypass contactor. | 1 | \$1,118.00 |
| RVSDN-31-480-115 | -3M-8-9-U-S | 20 | | 2 | \$1,194.00 |
| RVSDN-44-480-115 | -3M-8-9-U-S | 30 | | 1 | \$1,268.00 |
| RVSDN-58-480-115 | -3M-8-9-U-S | 40 | | 2 | \$1,466.00 |
| RVSDN-58-480-115 | 3M+4+8+D-S | 40 | | 0 | \$1,847.00 |
| RVSDN-72-400-115 | -3M-8-9-U-S | 25HP@230V | | 2 | \$1,936.00 |
| RVSDN-72-480-115 | -3M-8-9-U-S | 50 | | 4 | \$1,936.00 |
| RVSDN-85-480-115 | -3M-8-9-U-S | 60 | | 8 | \$2,543.00 |
| RVSDN-105-480-115 | -3M-8-9-U-S | 75 | | 4 | \$2,799.00 |
| RVSDN-145-480-115 | -3M-8-9-U-S | 100 | | 4 | \$2,848.00 |
| RVSDN-170-480-115 | -3M-8-9-U-S | 125 | | 11 | \$3,501.00 |
| RVSDN-210-480-115 | 3M-8-9-U-S (Wide non UL) | 150 | | 1 | \$3,967.00 |
| RVSDN-210-480-115 | -3M-8-9-U-SL | 150 | | 2 | \$3,967.00 |



RVS-DN 'Heavy Duty' Soft Starter 230-480V Models

| Model number | Options | HP @ 460 | Description | Qty | List Price |
|--------------------|-----------------------|----------|--|-----|-------------|
| RVSDN-310-480-115 | -3M-8-9-U-SL | 250 | Heavy duty soft starter; includes provisions for adding customer supplied external bypass contactor. | 1 | \$4,505.00 |
| RVSDN-390-480-115 | -3M-8-9-U-SL | 300 | | 6 | \$5,135.00 |
| RVSDN-460-480-115 | -3M-8-9-U-S | 350 | | 4 | \$5,542.00 |
| RVSDN-580-480-115 | -3M-8-9-U-S | 400 | | 1 | \$7,017.00 |
| RVSDN-580-480-115 | -3M-8-9-U-SL (non UL) | 400 | | 2 | \$7,017.00 |
| RVSDN-820-480-115 | -3M-8-9-U-S | 500 | | 0 | \$7,376.00 |
| RVSDN-950-480-115 | -3M-8-9-U-S | 750 | | 2 | \$12,314.00 |
| RVSDN-1100-480-115 | -3M-8-9-U-S | 800 | | 2 | \$16,804.00 |
| RVSDN-1800-480-115 | -3M-8-9-S | C/F | | 1 | C/F |

RVS-DN 'Heavy Duty' Soft Starter 600V Models

| Model number | Options | HP @ 600V | Description | Qty | List Price |
|-------------------|--------------|-----------|---|-----|------------|
| RVSDN 72-600-115 | -3M-8-9-U-S | 60 | Heavy duty soft starter; includes provisions for adding customer supplied, external bypass contactor. | 2 | \$2,129.00 |
| RVSDN 85-600-115 | -3M-8-9-U-S | 75 | | 4 | \$2,797.00 |
| RVSDN 105-600-115 | -3M-8-9-U-S | 100 | | 4 | \$3,079.00 |
| RVSDN 145-600-115 | -3M-8-9-U-S | 150 | | 3 | \$3,133.00 |
| RVSDN 170-600-115 | -3M-8-9-U-S | 150 | | 2 | \$3,850.00 |
| RVSDN-310-600-115 | -3M-8-9-U-SL | 300 | | 2 | \$4,955.00 |
| RVSDN-390-600-115 | -3M-8-9-U-S | 350 | | 5 | \$5,648.00 |

RVS-DN 'Heavy Duty' Soft Starter 1000V Models

| Model number | Options | 1000V | Description | Qty | List Price |
|--------------------|-----------|-------|---|-----|------------|
| RVSDN-105-1000-115 | -3M-8-9-S | 200 | Heavy duty soft start w/ provisions for ext bypass contactor. | 1 | \$6,852.00 |
| RVSDN-170-1000-115 | -3M-8-9-S | 325 | | 2 | \$9,137.00 |

Size unit according to motor FLA. All RVS-DN units include Modbus communications, special treatment for harsh environments (conformal coated PC boards, etc) and provisions for adding customer supplied external bypass contactor.

SOLSTART 'Miniature' Analog Soft Starter with built-in bypass

| Model number | Amp Rating | Description | Qty | List Price |
|-----------------------|------------|--|-----|------------|
| SOLSTART-1P-20-230-S | 20A | 1-phase, 230V soft starter for single phase, squirrel cage induction motor | 10 | \$148.00 |
| SOLSTART-8-480-8-S | 8A | 2-phase, soft starter (2-phase control) for three phase motors | 6 | \$233.00 |
| SOLSTART-8-600-8-S | 8A | | 12 | \$268.00 |
| SOLSTART-17-480-8-U-S | 17A | | 6 | \$319.00 |
| SOLSTART-22-480-8-U-S | 22A | | 9 | \$484.00 |
| SOLSTART-31-480-8-U-S | 31A | | 5 | \$549.00 |
| SOLSTART-44-480-8-S | 44A | | 0 | \$657.00 |
| SOLSTART-58-230-8-S | 58A | | 1 | \$703.00 |
| SOLSTART-58-480-8-S | 58A | | 5 | \$703.00 |

Size unit according to motor FLA.



RVSAX Analog Soft Starter with built-in bypass (31A & above)

| Model number | Amp Rating | Description | Qty | List Price |
|-------------------|------------|--|-----|------------|
| RVSAX-8-480-U-S | 8A | Compact 3-phase, analog soft starter with soft start/soft stop, current limit, built-in motor protection, built-in bypass | 16 | \$640.00 |
| RVSAX-17-480-U-S | 17A | | 17 | \$686.00 |
| RVSAX-31-480-U-S | 31A | Compact 3-phase, analog soft starter with soft start/soft stop, current limit, built-in motor protection, built-in bypass (31-170A) UL listed. | 0 | \$822.00 |
| RVSAX-44-480-U-S | 44A | | 5 | \$896.00 |
| RVSAX-58-480-U-S | 58A | | 5 | \$973.00 |
| RVSAX-58-600-U-S | 58A | | 1 | \$1,119.00 |
| RVSAX-72-480-U-S | 72A | | 2 | \$1,451.00 |
| RVSAX-85-480-U-S | 85A | | 16 | \$1,633.00 |
| RVSAX-105-480-U-S | 105 | | 4 | \$1,770.00 |
| RVSAX-145-480-U-S | 145 | | 5 | \$2,228.00 |
| RVSAX-170-480-U-S | 170 | | 7 | \$2,487.00 |

Size unit according to motor FLA.

COMBO STARTER – PACKAGED PRODUCTS

RVSDX / RVSDXM ‘Standard Duty’ NEMA 4/12 Combo Starter Models

| Model number | Max HP at 480V | Description | Qty | List Price |
|---------------------------|----------------|--|-----|-------------|
| RVSDX-72-480-4-CBSD | 50 | Standard Duty Combo soft starter includes circuit breaker w/ rotary handle, start/stop PBs, Run, Power On & Fault light, reset PB, HOA switch, CPT in Nema 4/12 enclosure. | 0 | \$4,188.00 |
| RVSDX-105-480-4-CBSD | 75 | | 0 | \$5,453.00 |
| RVSDX-145-480-4-CBSD | 100 | | 1 | \$5,950.00 |
| ***RVSDX-145-480-3CBSDCPP | 100 | | 1 | \$6,000.00 |
| RVSDX-170-480-4-CBSD | 125 | | 1 | \$6,328.00 |
| RVSDXM-210-480-4CBSD | 150 | | 2 | \$8,031.00 |
| RVSDXM-240-480-4CBSD | 200 | | 2 | \$8,135.00 |
| RVSDXM-310-480-4CBSD | 250 | | 2 | \$9,874.00 |
| RVSDXM-414-480-4CBSD | 350 | | 2 | \$11,250.00 |
| RVSDXM-477-480-4CBSD | 400 | | 1 | \$13,209.00 |

RVS-DN ‘Heavy Duty’ NEMA 4/12 Combo Starter Models

| Model number | Max HP at 480V | Description | Qty | List Price |
|----------------------|----------------|--|-----|-------------|
| RVSDN-72-480-4CBHD | 50 | Heavy Duty Combo soft starter includes circuit breaker w/ flange type disconnect handle, start/stop PBs, Run, Power On & Fault light, reset PB, HOA switch, CPT in Nema 4/12 rated enclosure with door mounted keypad. | 1 | \$5,335.00 |
| RVSDN-105-480-4CBHD | 75 | | 1 | \$6,327.00 |
| RVSDN-145-480-4CBHD | 100 | | 2 | \$7,123.00 |
| RVSDN-170-480-4CBHD | 125 | | 1 | \$7,529.00 |
| RVSDN-210-480-4CBHD | 150 | | 0 | \$8,066.00 |
| RVSDN-310-480-4CBHD | 250 | | 1 | \$11,289.00 |
| RVSDN-390-480-4CBHD | 300 | | 1 | \$11,639.00 |
| RVSDN-210-480-4XCBHD | 150 | | 1 | \$10,266.00 |

Stainless Encl

RVS-DN ‘Heavy Duty’ NEMA 3R Outdoor Combo Starter Models

| Model number | Max HP at 480V | Description | Qty | List Price |
|-----------------------|----------------|---|-----|-------------|
| RVSDN-105-480-3CBODHD | 75 | Heavy Duty Combo soft starter includes circuit breaker w/ flange type disconnect handle, start/stop PBs, Run, Power On & Fault light, reset PB, HOA switch, CPT in Nema 3R Outdoor rated enclosure with door mounted keypad and outdoor rated cover, thermostat and space heater. | 1 | \$7,531.00 |
| RVSDN-145-480-3CBODHD | 100 | | 1 | \$8,327.00 |
| RVSDN-170-480-3ODCBHD | 125 | | 2 | \$8,733.00 |
| RVSDN-210-480-3ODCBHD | 150 | | 1 | \$9,437.00 |
| RVSDN-248-480-3CBODHD | 200 | | 2 | \$11,936.00 |
| RVSDN-390-480-3CBODHD | 300 | | 1 | \$13,010.00 |
| RVSDN-477-480-3ODCBHD | 400 | | 1 | \$18,173.00 |
| RVSDN-590-480-3ODCBHD | 500 | | 1 | \$20,140.00 |

Size unit according to motor FLA.

DC Injection Brakes

| Model number | Description | Qty | List Price |
|--------------------------|--|-----|------------|
| Solbrake-10-230-8-S | DC Injection Brake rated 10A, 230V | 10 | \$351.00 |
| Solbrake-10-400-8-S-E | DC Injection Brake rated 10A, 400V W/ Extended Brake Time | 2 | |
| Solbrake-10-400-8-S | DC Injection Brake rated 10A, 400V | 9 | \$370.00 |
| Solbrake-10-480-8-S | DC Injection Brake rated 10A, 480V | 13 | \$370.00 |
| Solbrake-10-600-8-S | DC Injection Brake rated 10A, 600V | 4 | \$512.00 |
| Solbrake-17-230-8-S | DC Injection Brake rated 17A, 230V | 6 | \$570.00 |
| Solbrake-17-480-8-S* | DC Injection Brake rated 17A, 480V | 1 | \$601.00 |
| Solbrake-17-480-8-E-S* | DC Injection Brake rated 17A, 480V W/ Extended Brake Time | 5 | \$601.00 |
| Solbrake-17-600-8-S | DC Injection Brake rated 17A, 600V | 10 | \$735.00 |
| Solbrake-31-230-0-S | DC Injection Brake rated 31A, 230V | 1 | \$616.00 |
| Solbrake-31-230-8-S* | DC Injection Brake rated 31A, 230V | 11 | \$616.00 |
| Solbrake-31-480-8-S-E-S* | DC Injection Brake rated 31A, 480V W/ Extended Brake Time | 4 | \$649.00 |
| Solbrake-31-480-8-S* | DC Injection Brake rated 31A, 480V | 4 | \$649.00 |
| Solbrake-31-600-8-S | DC Injection Brake rated 31A, 600V | 5 | \$747.00 |
| Solbrake-58-480-8-S* | DC Injection Brake rated 58A, 480V | 0 | \$744.00 |
| Solbrake-58-480-8-E-S* | DC Injection Brake rated 58A, 480V w/ext brake time | 3 | \$744.00 |
| Solbrake-58-230-8-E-S* | DC Injection Brake rated 58A, 230V w/ext brake time | 0 | \$744.00 |
| Solbrake-105-480-8-S | DC Injection Brake rated 105A, 480V | 3 | \$1,434.00 |
| Solbrake-210-230-0-S | DC Injection Brake rated 210A, 230V | 1 | \$2,055.00 |
| Solbrake-210-400-8-S-E | DC Injection Brake rated 210A, 400VW/ Extended Brake Time | 1 | \$2,163.00 |
| Solbrake-210-480-8-S* | DC Injection Brake rated 210A, 480V | 3 | \$2,163.00 |
| Solbrake-310-480-8-S* | DC Injection Brake rated 310A, 480V | 2 | \$3,142.00 |
| Solbrake-390-480-8-S* | DC Injection Brake rated 390A, 480V | 2 | \$3,799.00 |
| SOLBRAKE-390-480-8-E-S | DC Injection Brake rated 390A, 480V W/ Extended brake time | 1 | \$3,799.00 |

-8 means it includes preparation for harsh environments (conformal coated PC boards, etc)

Motor Protection Products

| Model number | Description | Qty | List Price |
|-----------------------|--|-----|------------|
| TPR6-14-2-M-0-S | RTD Relay - up to 14 RTD inputs | 3 | \$2,205.00 |
| TPR6-14-2-M-M-S | RTD Relay - up to 14 RTD inputs, marine duty | 17 | \$2,573.00 |
| MPS3000C-H-1P-2-0-M-S | Motor Protection Relay (horizontal orientation) – fully functional motor protection relay, accepts up to 10 RTD inputs, 110-230V control voltage with Modbus comm. | 0 | \$4,725.00 |
| MPS3000C-V-1P-2-0-M-S | Same as above except vertical orientation | 2 | \$4,725.00 |
| MPR6-5-2-3R-M-0-S | Motor Protection Relay – monitors three phase currents, ground current, motor temperature (3 RTDs). 5A secondary, 110-230V supply voltage & Modbus. | 6 | \$1,407.00 |
| MIP6-MV1-M-5-8-S | Motor Insulation measurement and protection unit. Designed for testing the insulation resistance of low voltage and medium voltage motors | 7 | \$2,790.00 |
| RU-7 | Resistor for above when used for MV motor applications. | 7 | \$1,395.00 |

*** This is a custom Combo Starter unit based on the lower cost internal bypass DX chassis. It incl a larger 48"H x 36"W x 16"D NEMA 3R enclosure, and other features incl with the NEMA 3R RVS-DN outdoor models.

Prices are in US dollars. Stock subject to availability at time of order. FOB Solcon USA Warehouse Cranberry Twp, PA

Medium Voltage Products

| | | | |
|-----------------------------------|--|---|------------------|
| HRVSDN-110-4160-115-3M-R-N12-SUSA | Medium Voltage 110A, 4160 Volts, 115V control voltage, Modbus in a Nema 12 enclosure | 1 | Call for pricing |
|-----------------------------------|--|---|------------------|

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|----------------------------------|--|---|------------------|
| HRVSDN-200-4160-115-3M-5-R-N3ROD | Medium Voltage 200A, 4160 Volts, 115V control voltage, Modbus in a Nema 3R outdoor enclosure | 1 | Call for pricing |
| HRVSDN-400-4160-115-3M-5-R-N12 | Medium Voltage 400A, 4160 Volts, 115V control voltage, Modbus in a Nema 12 enclosure | 1 | Call for pricing |