Factory sealed, corrosion-resistant 600 VAC, heavy duty

Cl. I, Div. 2, Groups B, C, D NEMA 3, 4X, 7BCD (Div. 2), 12 Watertight Weatherproof Dusttight 4C

Applications:

N2S and N2SC pushbutton stations, selector switches and pilot lights are suitable for use:

- In Class I, Groups B, C, D; Division 2 hazardous areas where flammable vapors or gases may be present due to accidental or abnormal operation
- In damp, wet or corrosive locations
- Indoors or outdoors in Division 2 areas of petroleum refineries, chemical plants and other process industry facilities where similar hazards exist

N2S and N2SC pushbutton stations and selector switches are used:

 In conjunction with magnetic starters or contactors for remote control of motors

N2S and N2SC pilot lights are used:

 To visually indicate at a remote location that the desired function is being performed

Optional maintained stop pushbutton(s) are used: as emergency or normal stop button(s) in motor control circuits for positive shutdown.

Features:

- Pushbutton stations, pilot lights and selector switch devices are factory sealed; external seals are not required
- Enclosures are made of Krydon fiberglass-reinforced polyester material having excellent corrosion resistance and stability to heat and sunlight
- Optional maintained stop feature operates by depressing the mushroom head pushbutton; pushbutton must be manually pulled before start button can be actuated
- · Lockout is standard on selector switch devices
- Factory installed dead end (N2S) or through feed (N2SC) hubs $\frac{1}{2}$ ", $\frac{3}{4}$ " and 1" sizes
- Indicating plates are available with a choice of 40 standard markings
- · Grounding plate included with each hub

Certifications and compliances:

NEC:

• Class I, Division 2, Groups B, C, D

UL standard:

• UL1203

CSA standard:

• C22.2 Nos. 14, 30

Environmental ratings:

• NEMA 3, 4X, 7BCD (Division 2), 12

Electrical ratings:

- Pushbutton stations and selector switches heavy duty 600 VAC maximum
- Pilot lights 120-600 VAC

Options:

| Description | Suffix |
|---|-------------|
| Padlock attachments for all pushbuttons | S708 |
| For "START/STOP" stations, only "STOP" button provided with lockout (lockout standard with "STOP") | |

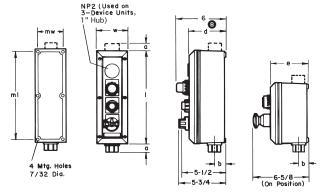
LED pilot lights in place of standard incandescent pilot lamps.. LED

Three-position selector switches with modified operation:

Control station with maintained stop pushbutton (requires NCD type enclosure):

- Maintained stop pushbuttons are installed at bottom position(s) of control station unless otherwise specified.

Dimensionso (in inches):



Maintained stop pushbutton

| N2S(C) body | Outs dims | | (NCS) | (NCD) G | Mou dims | | 1/2 " 6 | and hubs | 1" h | ubs |
|-------------------|--------------|--------|-------|-------------------|-------------|--------|----------------|-------------|------|-------|
| style | Т | w | d | е | ml | mw | а | b | а | b |
| 1 or 2 devices | 71/4 | 313/16 | 43/8 | 53/8 | 63/8 | 215/16 | 11/8 | 11/16 | 11/4 | 15/16 |
| 3 or 4 | 113/4 | 313/16 | 43/8 | 53/8 | 107/8 | 215/16 | 11/8 | 11/16 | 11/4 | 15/16 |

A Dimensions are approximate, not for construction purposes

❸Use dimension "e" for control station with 1" hub or maintained stop pushbutton.

[•]NCS box is supplied with units using 1/2" and 1/4" hubs. NCD box is supplied with units using 1" hubs or MSR option. NCD 4 device box used with 1" hubs or MSR option.

4C

N2S and N2SC control stations

Factory sealed, corrosion-resistant 600 VAC, heavy duty

CI. I, Div. 2, Groups B, C, D NEMA 3, 4X, 7BCD (Div. 2), 12 Watertight Weatherproof Dusttight

Ordering information:

With pilot lightsoo

Enclosure with pilot lights

| No. | | | | | | ¹/₂" hubs | | ³/₄″ hubs | | 1" hubs | |
|-------------|--------|----------------|-------|--------------|---------|--------------------|------------------------|--------------------|------------------------|--------------------|------------------------|
| of units | Diagra | m | | | Voltage | Cat. # Dead end | Cat. # Through feed | Cat. # Dead end | Cat. # Through feed | Cat. # Dead end | Cat. # Through feed |
| | | | | | 120 | N2S1131 ① | N2SC1131 ① | N2S2131 ① | N2SC2131 ① | N2S3131 ① | N2SC3131 ① |
| 1 | r@n | | | | 240 | N2S1132 ① | N2SC1132 ① | N2S2132 ① | N2SC2132 ① | N2S3132 ① | N2SC3132 ① |
| | | | | | 480 | N2S1134 ① | N2SC1134 ① | N2S2134 ① | N2SC2134 ① | N2S3134 ① | N2SC3134 ① |
| | | | | | 600 | N2S1135 ① | N2SC1135 ① | N2S2135 ① | N2SC2135 ① | N2S3135 ① | N2SC3135 ① |
| | | | | | 120 | N2S1231 ① | N2SC1231 ① | N2S2231 ① | N2SC2231 ① | N2S3231 ① | N2SC3231 ① |
| 2 | | ((| | | 240 | N2S1232 ① | N2SC1232 ① | N2S2232 ① | N2SC2232 ① | N2S3232 ① | N2SC3232 ① |
| 2 | لفقفا | لفقفا | | | 480 | N2S1234 ① | N2SC1234 ① | N2S2234 ① | N2SC2234 ① | N2S3234 ① | N2SC3234 ① |
| | | | | | 600 | N2S1235 ① | N2SC1235 ① | N2S2235 ① | N2SC2235 ① | N2S3235 ① | N2SC3235 ① |
| | | | | | 120 | N2S1331 ① | N2SC1331 ① | N2S2331 ① | N2SC2331 ① | N2S3331 ① | N2SC3331 ① |
| 3 | r@n | l@п | r@n | } | 240 | N2S1332 ① | N2SC1332 ① | N2S2332 ① | N2SC2332 ① | N2S3332 ① | N2SC3332 ① |
| J | | الفقع | | | 480 | N2S1334 ① | N2SC1334 ① | N2S2334 ① | N2SC2334 ① | N2S3334 ① | N2SC3334 ① |
| | 000 | 000 | 000 | | 600 | N2S1335 ① | N2SC1335 ① | N2S2335 ① | N2SC2335 ① | N2S3335 ① | N2SC3335 ① |
| | | | | | 120 | N2S1431 ① | N2SC1431 ① | N2S2431 ① | N2SC2431 ① | N2S3431 ① | N2SC3431 ① |
| 4 | r@n | | | r@n | 240 | N2S1432 ① | N2SC1432 ① | N2S2432 ① | N2SC2432 ① | N2S3432 ① | N2SC3432 ① |
| 4 | | لفقفا | لفقفا | | 480 | N2S1434 ① | N2SC1434 ① | N2S2434 ① | N2SC2434 ① | N2S3434 ① | N2SC3434 ① |
| | | | | | 600 | N2S1435 ① | N2SC1435 ① | N2S2435 ① | N2SC2435 ① | N2S3435 ① | N2SC3435 ① |

①Specify lens color for each pilot light

| Color | Symbol | |
|-------|--------|--|
| Red | J1 | |
| Green | J3 | |
| Amber | J6 | |
| Clear | J10 | |
| Blue | J11 | |

Example: N2S1231 with one red and one green pilot light is N2S1231.11.13



[■]LED pilot lights are available. Add suffix 'LED' after last color symbol.



ਨ

N2S and N2SC control stations

Factory sealed, corrosion-resistant 600 VAC, heavy duty

CI. I, Div. 2, Groups B, C, D NEMA 3, 4X, 7BCD (Div. 2), 12 Watertight Weatherproof Dusttight

Ordering information (continued):

With selector switches



N2S2121

| | Switch posit | ion | | Marking | Enclosure with selector switch | | | |
|---------------------------------|--|--------------|------------|----------------------------------|--------------------------------|--------------------|------------------------|------------|
| Style | Position 1 | Position 2 | Position 3 | unless otherwise specified | Hub size | Cat. # Dead end | Cat. # Through feed | |
| | | | | | 1/2" | N2S1121 ② | N2SC1121 ② | |
| Two-position, two circuit | A1 <u>eie</u> A2 ● ● | 0 0 | | START-STOP (or specify) | 3/4" | N2S2121 ② | N2SC2121 ② | |
| two on our | | | | (or opcorry) | 1" | N2S3121 ② | N2SC3121 ② | |
| | A1 ele | •1• | | | 1/2" | N2S1122 ② | N2SC1122 ② | |
| Two-position, four circuit | A2 ● ● B1 a.i.a | | | START-STOP (or specify) | 3/4" | N2S2122 ② | N2SC2122 ② | |
| iour circuit | B1 eie • • • • • • • • • • • • • • • • • • | (or specify) | 1" | N2S3122 ② | N2SC3122 ② | | | |
| | | | | | 1/2" | N2S1123 ② | N2SC1123 ② | |
| Three-position, two circuit® | A1 <u>e≀e</u> A2 ● ● | <u>•1•</u> | • • • | • • | Specify | 3/4" | N2S2123 ② | N2SC2123 ② |
| two circuit | 7.2 | | | | 1" | N2S3123 ② | N2SC3123 ② | |
| | A1 ele | •1• | •,• | | 1/2" | N2S1124 ② | N2SC1124 ② | |
| | A2 ● ● B1 e.i.e. | <u>•1•</u> | • • | Specify | 3/4" | N2S2124 ② | N2SC2124 ② | |
| Three-position, | B2 • • | 0 0 | • • • • | | 1" | N2S3124 ② | N2SC3124 ② | |
| our circuit | A1 ●,● | eie | eie | | 1/2" | N2S1125 ② | N2SC1125 ② | |
| | A2 0 0 | e e | • • | Specify | 3/4" | N2S2125 ② | N2SC2125 ② | |
| | B2 • • | • • | 0 0 | | 1" | N2S3125 ② | N2SC3125 ② | |

${\mathbb Q} {\text{Specify indicating plate markings, if desired.}}$ Standard indicating plate markings are listed below:

| Pushbuttons | | |
|---|--|--|
| START STOP ON OFF RUN | TEST LIGHT ON HAND AUTOMATIC EMERGENCY | CLOSE UP DOWN IN OUT |
| JOG TRIP RESET Two-position | FORWARD REVERSE OPEN | RAISE LOWER |
| RUN, JOG HAND, AUTOMATIC FORWARD, REVERSE | FAST, SLOW OPEN, CLOSE UP, DOWN ON, OFF | IN, OUT RAISE, LOWER START, STOP |
| Three-position | | |
| RUN, OFF, JOG HAND, OFF, AUTOMATIC FORWARD, OFF, REVERSE FAST, OFF, SLOW | 1, OFF, 2 OPEN, OFF, CLOSE UP, OFF, DOWN | |

[•] Suffixes 'S634' or 'S635' may be used on these catalog numbers.



را

N2S and N2SC control stations

Factory sealed, corrosion-resistant 600 VAC, heavy duty

CI. I, Div. 2, Groups B, C, D NEMA 3, 4X, 7BCD (Div. 2), 12 Watertight Weatherproof Dusttight

Ordering information (continued):

With pushbuttons - momentary contact



N2SC2210

| | | | | | Marking | Enclosure v | vith pushbuttons | |
|-----------------------------|---------|---|-----|------------|--------------------|------------------------|------------------|------------|
| No. of units Contact symbol | | unless otherwise Contact symbol specified | | Hub size | Cat. # Dead end | Cat. # Through feed | | |
| | · . | | | | START (or | 1/2" | N2S1110 ② | N2SC1110 ② |
| 1 | علع | | | | - 1 | 3/4" | N2S2110 ② | N2SC2110 ② |
| | • • | | | | specify) | 1" | N2S3110 ② | N2SC3110 ② |
| | | | | | CTART CTOR | 1/2" | N2S1210 ② | N2SC1210 ② |
| 2 | علع | علع | | START-STOP | 3/4" | N2S2210 ② | N2SC2210 ② | |
| | • • | • • | | | (or specify) | 1" | N2S3210 ② | N2SC3210 ② |
| | _ | _ | _ | | | 1/2" | N2S1310 ② | N2SC1310 ② |
| 3 | علم | علم | علم | | Specify | 3/4" | N2S2310 ② | N2SC2310 ② |
| | • • | • • | • • | | . , | 1" | N2S3310 ② | N2SC3310 ② |
| | | | | | | 1/2" | N2S1410 ② | N2SC1410 ② |
| 4 | غلع غلع | علع | علع | Specify | 3/4" | N2S2410 ② | N2SC2410 ② | |
| | • • | • • | • • | • • | | 1" | N2S3410 ② | N2SC3410 ② |

$\ensuremath{\mathbb{Q}}$ Specify indicating plate markings, if desired. Standard indicating plate markings are listed below:

| Pushbuttons | | ' |
|-----------------------|------------------|--------------|
| START | TEST | CLOSE |
| STOP | LIGHT ON | UP |
| _ON | HAND | DOWN |
| OFF | AUTOMATIC | IN |
| RUN | EMERGENCY | OUT |
| JOG | FORWARD | RAISE |
| TRIP | REVERSE | LOWER |
| RESET | OPEN | |
| Two-position | | |
| RUN, JOG | FAST, SLOW | IN, OUT |
| HAND, AUTOMATIC | OPEN, CLOSE | RAISE, LOWER |
| FORWARD, REVERSE | UP, DOWN | START, STOP |
| | ON, OFF | |
| Three-position | | |
| RUN, OFF, JOG | 1, OFF, 2 | |
| HAND, OFF, AUTOMATIC | OPEN, OFF, CLOSE | |
| FORWARD, OFF, REVERSE | UP, OFF, DOWN | |
| FAST, OFF, SLOW | | |

ה

N2S and N2SC control stations

Factory sealed, corrosion-resistant 600 VAC, heavy duty

Cl. I, Div. 2, Groups B, C, D NEMA 3, 4X, 7BCD (Div. 2), 12 Watertight Weatherproof Dusttight

Ordering information (continued):

Combination control stations



N2S23421 J1

Enclosure with pushbuttons and pilot lights

| | | | | | | | 1 - 5 | | | | | |
|-------------------------------------|--------------------|------------|----------|-------------|-------------|--------------------|------------------------|-------------|--------------------|------------------------|-------------|--------------|
| No. of pilot lights GG | No. of pushbuttons | Diagram | Markings | Hub size | Volts | Cat. # Dead end | Cat. # Through feed | Volts | Cat. # Dead end | Cat. # Through feed | | |
| | | | ' | 1/2" | | N2S12411 ①② | N2SC12411 ①② | | N2S12414 ①② | N2SC12414 ①② | | |
| | | 6 | | 3/4" | 120 | N2S22411 ①② | N2SC22411 ①② | 480 | N2S22414 ①② | N2SC22414 ①② | | |
| 1 | 1 | | Cassifu | 1" | _ | N2S32411 ①② | N2SC32411 ①② | _ | N2S32414 ①② | N2SC32414 ①② | | |
| I | ı | علم | Specify | 1/2" | | N2S12412 ①② | N2SC12412 ①② | | N2S12415 ①② | N2SC12415 ①② | | |
| | | • • | | 3/4" | 240 | N2S22412 ①② | N2SC22412 ①② | 600 | N2S22415 ①② | N2SC22415 ①② | | |
| | | | | 1" | _ | N2S32412 ①② | N2SC32412 ①② | _ | N2S32415 ①② | N2SC32415 ①② | | |
| | | <u> </u> | | 1/2" | | N2S13421 ①② | N2SC13421 ①② | | N2S13424 ①② | N2SC13424 ①② | | |
| | 2 | قعقا | | 3/4" | 120 | N2S23421 ①② | N2SC23421 ①② | 480 | N2S23424 ①② | N2SC23424 ①② | | |
| 1 | | | | | 0:6. | 1" | _ | N2S33421 ①② | N2SC33421 ①② | - | N2S33424 ①② | N2SC33424 ①② |
| I | | | Specify | 1/2" | 240 | N2S13422 ①② | N2SC13422 ①② | | N2S13425 ①② | N2SC13425 ①② | | |
| | | علم | | 3/4" | | N2S23422 ①② | N2SC23422 ①② | 600 | N2S23425 ①② | N2SC23425 ①② | | |
| | | • • | | 1" | | N2S33422 ①② | N2SC33422 ①② | | N2S33425 ①② | N2SC33425 ①② | | |
| | | | | 1/2" | 120 | N2S13411 ①② | N2SC13411 ①② | - 480 | N2S13414 ①② | N2SC13414 ①② | | |
| | | a | | 3/4" | | N2S23411 ①② | N2SC23411 ①② | | N2S23414 ①② | N2SC23414 ①② | | |
| 0 | 1 | | 0 | 1" | | N2S33411 ①② | N2SC33411 ①② | | N2S33414 ①② | N2SC33414 ①② | | |
| 2 | I | هله | Specify | 1/2" | | N2S13412 ①② | N2SC13412 ①② | | N2S13415 ①② | N2SC13415 ①② | | |
| | | • • | | 3/4" | 240 | N2S23412 ①② | N2SC23412 ①② | 600 | N2S23415 ①② | N2SC23415 ①② | | |
| | | | | 1" | _ | N2S33412 ①② | N2SC33412 ①② | _ | N2S33415 ①② | N2SC33415 ①② | | |
| | | | | 1/2" | | N2S14421 ①② | N2SC14421 ①② | | N2S14424 ①② | N2SC14424 ①② | | |
| | | | | 3/4" | 120 | N2S24421 ①② | N2SC24421 ①② | 480 | N2S24424 ①② | N2SC24424 ①② | | |
| 2 | | | Specify | 1" | _ | N2S34421 ①② | N2SC34421 ①② | | N2S34424 ①② | N2SC34424 ①② | | |
| 2 | 2 | <u>ele</u> | | 1/2" | | N2S14422 ①② | N2SC14422 ①② | | N2S14425 ①② | N2SC14425 ①② | | |
| | ele | ala | | 3/4" | 240 | N2S24422 ①② | N2SC24422 ①② | 600 | N2S24425 ①② | N2SC24425 ①② | | |
| | | | 1" | _ | N2S34422 ①② | N2SC34422 ①② | | N2S34425 ①② | N2SC34425 ①② | | | |

①Specify lens color for each pilot light

| Color | Symbol |
|-------|--------|
| Red | J1 |
| Green | J3 |
| Amber | J6 |
| Clear | J10 |
| Blue | J11 |

$\ensuremath{\mathbb{Q}}$ Specify indicating plate markings, if desired. Standard indicating plate markings are listed below:

| Pushbuttons | | |
|----------------------|------------------|--------------|
| START | TEST | CLOSE |
| STOP | LIGHT ON | UP |
| ON | HAND | DOWN |
| OFF | AUTOMATIC | IN |
| RUN | EMERGENCY | OUT |
| JOG | FORWARD | RAISE |
| TRIP | REVERSE | LOWER |
| RESET | OPEN | |
| Two-position | | ' |
| RUN, JOG | FAST, SLOW | IN. OUT |
| HAND, AUTOMATIC | OPEN, CLOSE | RÁISE, LOWER |
| FORWARD, REVERSE | UP, DOWN | START, STOP |
| · | ON, OFF | |
| Three-position | _ | |
| RUN, OFF, JOG | 1, OFF, 2 | |
| HAND, OFF, AUTOMATIC | OPEN, OFF, CLOSE | |
| FORMAND OFF BEVEROF | LID OFF DOLLAR | |

[©] Pilot lights are transformer type except those rated 120 volts. Lamp type is 120MB, 120 volts, 3 watts.

① LED pilot lights are available. Add suffix 'LED' after last color symbol.

Ated 120 RUN, OFF, JOG 1, OFF, 2
HAND, OFF, AUTOMATIC OPEN, OFF, CLOSE

after last FORWARD, OFF, REVERSE UP, OFF, DOWN

FAST, OFF, SLOW

..

N2S and N2SC control stations

Factory sealed, corrosion-resistant 600 VAC, heavy duty

CI. I, Div. 2, Groups B, C, D NEMA 3, 4X, 7BCD (Div. 2), 12 Watertight Weatherproof Dusttight

Ordering information (continued):

Combination control stations

Selector switch position® Enclosure with pilot light, pushbuttons and selector switch No. of No. of pilot lights 0 0 Mark-Hub push-Cat. # Cat. # Cat. # Cat. # buttons Pos. 1 Pos. 2 Pos. 3 Volts Dead end Through feed Volts Dead end Through feed inas size N2S145211 ①② N2SC145211 ①② N2S145214 ①② N2SC145214 ①② Two-position, two circuit 3/4" 120 N2S245211 ①② N2SC245211 ①② N2S245214 ①② N2SC245214 ①② N2S345211 ①② N2SC345211 ①② N2S345214 ①② N2SC345214 ①② eie A1 eie Specify N2S145212 ①② N2SC145212 ①② N2S145215 ①② N2SC145215 ①② 3/4" 240 N2S245212 ①② N2SC245212 ①② N2S245215 ①② N2SC245215 ① ② N2S345212 ①② N2SC345212 ①② N2S345215 ①② N2SC345215 ① ② 1/2" N2S145231 ①② N2SC145231 ①② N2S145234 ①② N2SC145234 ①② 2 Three-position, two circuit 3/4" 120 N2S245231 ①② N2SC245231 ①② 480 N2S245234 ①② N2SC245234 ①② N2SC345231 ①② N2SC345234 ①② N2S345231 ①② N2S345234 ①② ele ele A1 ele Specify N2SC145235 ①② A2 • • N2S145232 ①② N2SC145232 ①② N2S145235 ①② 3/4" 240 N2S245232 ①② N2SC245232 ①② 600 N2S245235 ①② N2SC245235 ①② N2S345232 ①② N2SC345232 ①② N2S345235 ①② N2SC345235 ①②

①Specify lens color for each pilot light

| Color | Symbol |
|-------|--------|
| Red | J1 |
| Green | J3 |
| Amber | J6 |
| Clear | J10 |
| Blue | J11 |

②Specify indicating plate markings, if desired. Standard indicating plate markings are listed below:

| Pushbuttons | | |
|-----------------------|------------------|--------------|
| START | TEST | CLOSE |
| STOP | LIGHT ON | UP |
| ON | HAND | DOWN |
| OFF | AUTOMATIC | IN |
| RUN | EMERGENCY | OUT |
| JOG | FORWARD | RAISE |
| TRIP | REVERSE | LOWER |
| RESET | OPEN | |
| Two-position | | |
| RUN, JOG | FAST, SLOW | IN, OUT |
| HAND, AUTOMATIC | OPEN, CLOSE | RAISE, LOWER |
| FORWARD, REVERSE | UP, DOWN | START, STOP |
| | ON, OFF | |
| Three-position | | |
| RUN, OFF, JOG | 1, OFF, 2 | |
| HAND, OFF, AUTOMATIC | OPEN, OFF, CLOSE | |
| FORWARD, OFF, REVERSE | UP, OFF, DOWN | |
| FAST, OFF, SLOW | | |



Pilot lights are transformer type except those rated 120 volts. Lamp type is 120MB, 120 volts, 3 watts.

[•] LED pilot lights are available. Add suffix 'LED' after last color symbol

Suffixes 'S634' or 'S635' may be used on these catalog numbers.

Factory sealed, corrosion-resistant 600 VAC, heavy duty

CI. I, Div. 2, Groups B, C, D NEMA 3, 4X, 7BCD (Div. 2), 12 Watertight Weatherproof Dusttight

Ordering information:

Custom-built, factory assembled control stations

To order your custom-built factory assembled control station, select the enclosure required and add the desired devices from listings below.

Custom-built factory assembled control stations may thus be ordered as follows:

Example requirements:

3-device control station on Krydon enclosure with ¾" through feed hubs, with 1 pilot light with green jewel, rated at 120V; 1 three-position, two circuit selector switch marked HAND-OFF-AUTO; and 1 green single circuit pushbutton marked START.

ORDER:

NCDC23FA

N2P310-J3

N2SW11311-HAND-OFF-AUTO

N2PS1111G-START

Pilot light jewel symbol, pushbutton and selector switch plate markings are selected from footnote tables. 'FA' suffix indicates factory assembled.

Note that order of assembly of control stations should be listed in desired mounting order, reading from top to bottom of enclosure.

Enclosures (NCD or NCDC enclosures must be used with MSR1 or MSR2)

| No. of devices | Cat. # Without hubs | Cat. # With one ½" hub | Cat. # With two ½" hubs | Cat. # With one ¾" hub | Cat. # With two ¾" hubs | Cat. # With one 1" hub | Cat. # With two 1" hubs |
|----------------|---------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|
| 1 | NCD01 | NCD11 | NCDC11 | NCD21 | NCDC21 | NCD31 | NCDC31 |
| 2 | NCD02 | NCD12 | NCDC12 | NCD22 | NCDC22 | NCD32 | NCDC32 |
| 3 | NCD03 | NCD13 | NCDC13 | NCD23 | NCDC23 | NCD33 | NCDC33 |
| 4 | NCD04 | NCD14 | NCDC14 | NCD24 | NCDC24 | NCD34 | NCDC34 |

| No. of devices | Cat. # Without hubs | Cat. # With one ½" hub | Cat. # With two ½" hubs | Cat. # With one ¾" hub | Cat. # With two ¾" hubs |
|----------------|---------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|
| 1 | NCS01 | NCS11 | NCSC11 | NCS21 | NCSC21 |
| 2 | NCS02 | NCS12 | NCSC12 | NCS22 | NCSC22 |
| 3 | NCS03 | NCS13 | NCSC13 | NCS23 | NCSC23 |
| 4 | NCS04 | NCS14 | NCSC14 | NCS24 | NCSC24 |



NCD34

Pilot lightsee



| Volts | Cat. # |
|-------|----------|
| 120 | N2PL10 ① |
| 240 | N2PL20 ① |
| 480 | N2PL40 ① |
| 600 | N2PL50 ① |

①Specify lens color for each pilot light

| Color | Symbol |
|-------|--------|
| Red | J1 |
| Green | J3 |
| Amber | J6 |
| Clear | J10 |
| Blue | J11 |

Pilot lights to be used in N2SU series

| Color | Cat. # |
|-------|-----------------|
| Red | N2PLU10 J1 LED |
| Green | N2PLU10 J3 LED |
| Amber | N2PLU10 J6 LED |
| Clear | N2PLU10 J10 LED |
| Blue | N2PLU10 J11 LED |



[•] Pilot lights are transformer type except those rated 120 volts. Lamp type is 120MB, 120 volts, 3 watts.

[■]LED pilot lights are available. Add suffix 'LED' after last color symbol.

Factory sealed, corrosion-resistant 600 VAC, heavy duty

Cl. I, Div. 2, Groups B, C, D NEMA 3, 4X, 7BCD (Div. 2), 12 Watertight Weatherproof Dusttight

Ordering information (continued):

Pushbutton stations – momentary contact



N2PS11110

| | 1 circuit | | 2 circuits | | |
|-------------------|-------------------|---------------------|-------------------|---------------------|--|
| Color of operator | Contact symbol | Cat. # Universal | Contact symbol | Cat. # Universal | |
| Natural | <u>eie</u> | N2PS1111 ② | | N2PS1211 ② | |
| Red | <u>ele</u> | N2PS1111R ② | | N2PS1211R ② | |
| Green | <u>ele</u> | N2PS1111G ② | | N2PS1211G ② | |

Selector switches



Switch position

| Style | Position 1 | Position 2 | Position 3 | Cat. # |
|------------------------------|--------------------------------------|-------------------|-----------------------|-------------|
| Two-position, two circuit | A1 ala A2 • • | • • | | N2SW11211 ② |
| Two-position, four circuit | A1 ele A2 • • B1 ele B2 • • | 0 0 0 0 0 0 | | N2SW12221 ② |
| Three-position, two circuit | A1 <u>a1a</u> A2 • • | • • | • • • • • | N2SW11311 ② |
| Three-position, | A1 eie A2 • • B1 eie B2 • • | 0 0 0 0 0 0 | 0 0 0 0 0 | N2SW12321 ② |
| four circuit® | A1 • • • • A2 • • • B1 • I • B2 • • | • • • • | eie • • • • | N2SW12322 ② |

Pushbutton stations - maintained contact

| | 1 circuit | |
|-------------------------|-------------------|---------------------|
| Color of operator | Contact symbol | Cat. # Universal |
| Red mushroom head | <u>eie</u> • • | N2PM1111 S111 ② |

Closure plug



| Description | Cat. # |
|--------------|--------|
| Closure plug | NP2 |

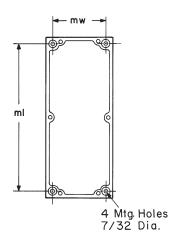
$\ensuremath{\mathbb{Q}}$ Specify indicating plate markings, if desired. Standard indicating plate markings are listed below:

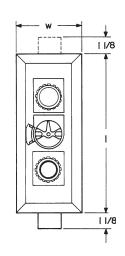
| Pushbuttons | | ' |
|-----------------------|------------------|--------------|
| START | TEST | CLOSE |
| STOP | LIGHT ON | UP |
| ON | HAND | DOWN |
| OFF | AUTOMATIC | IN |
| RUN | EMERGENCY | OUT |
| JOG | FORWARD | RAISE |
| TRIP | REVERSE | LOWER |
| RESET | OPEN | |
| Two-position | | |
| RUN, JOG | FAST, SLOW | IN, OUT |
| HAND, AUTOMATIC | OPEN, CLOSE | RAISE, LOWER |
| FORWARD, REVERSE | UP, DOWN | START, STOP |
| | ON, OFF | |
| Three-position | | |
| RUN, OFF, JOG | 1, OFF, 2 | |
| HAND, OFF, AUTOMATIC | OPEN, OFF, CLOSE | |
| FORWARD, OFF, REVERSE | UP, OFF, DOWN | · |
| FAST, OFF, SLOW | | |

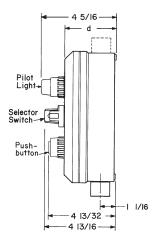
Factory sealed, corrosion-resistant 600 VAC, heavy duty

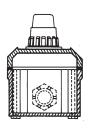
CI. I, Div. 2, Groups B, C, D NEMA 3, 4X, 7BCD (Div. 2), 12 Watertight Weatherproof Dusttight

Dimensions (in inches):









N2S

For 1/2" and 3/4" hub sizes

| N2S(C) | Outside | Outside dims. | | | Mounting dims. | |
|---------------|--------------------------------|---------------|------|--------------------|----------------|--|
| body style | ı | w | d | ml | mw | |
| 1 device | 71/4 | 313/16 | 43/8 | 63/8 | 215/16 | |
| 2 devices | 71/4 | 313/16 | 43/8 | 63/8 | 215/16 | |
| 3 devices | 91/2 | 313/16 | 43/8 | 85/8 | 215/16 | |
| 4 devices | 11 ³ / ₄ | 313/16 | 43/8 | 10 ⁷ /8 | 215/16 | |