

## SELECTING AN RHPS HYDRAULIC PRESS BRAKE CONTROL

To determine the 10-digit configured part number for the hydraulic press brake control required, follow directions 1-7 below and use the information in the **PART NUMBERING SYSTEM CHART** below.

1. The first 4 digits for all hydraulic press brake controls are RHPS.
2. The 5th digit determines the size of the disconnect switch, if provided, in the control enclosure. Zero (0) indicates no disconnect switch provided.
3. The 6th digit determines if a nonreversing motor starter is provided. Zero (0) indicates no motor starter provided.
4. The 7th digit determines the size of nonreversing motor starter that is provided in the control enclosure. Zero (0) indicates no motor starter provided.
5. The 8th digit determines the location of the operator controls, or if it is a style X, Y, or Z control without the control transformer.
6. The 9th digit is for the type of light curtain interface provided.
7. The 10th digit (if required) will indicate the type of modifier provided: i.e., motor control operators remote.

**SAMPLE**      1      2      3      4      5      6      7  
**RHPS** - **3** **1** **5** - **P** **W** **5**

The sample shown, RHPS-315-PW5, indicates that the custom control box is for a hydraulic press brake that has a plain door box with a C4000 standard light curtain interface including an IEC 100-A disconnect switch and an IEC 40-A nonreversing motor starter. The keypad/display and all operators including the motor controls will be located remote (see page 91).

# RHPS HYDRAULIC CONTROL PART NUMBERING SYSTEM CHART

## SYSTEM TYPE PRODUCT CATEGORY

RHPS —Hydraulic Control for Press Brakes

## DISCONNECT SWITCH SIZE—IEC (PLUS MAXIMUM MAIN MOTOR FLA)

- 0 —No Disconnect Switch
- 1 —30A Disconnect—1- to 20-FLA Main Drive Motor
- 2 —60-A Disconnect—21- to 40-FLA Main Drive Motor
- 3 —100-A Disconnect—41- to 66-FLA Main Drive Motor
- 4 —200-A Disconnect—67- to 133-FLA Main Drive Motor
- 5 —400-A Disconnect—134- to 266-FLA Main Drive Motor

## NONREVERSING MAIN MOTOR STARTER

- 0 —No Starter
- 1 —Nonreversing Starter

## MAIN MOTOR STARTER SIZE

- 0 —No Starter
- IEC
- 1 —12 A
- 2 —18 A
- 3 —25 A
- 4 —32 A
- 5 —40 A
- 6 —50 A
- 7 —65 A
- 8 —80 A
- 9 —95 A
- A —115 A
- B —185 A
- C —265 A

### Motor Horsepower Chart—3 Phase

	208 V	230 V	460 V	575 V
2	2	3	7.5	7.5
5	5	5	10	10
7.5	5	7.5	15	15
10	7.5	10	20	20
15	10	10	30	30
20	15	15	30	40
25	20	20	50	50
30	25	30	60	75
30	30	30	60	75
30	30	40	75	100
50	50	60	125	150
75	75	100	200	200

RHPS - X X X - X X X

## MODIFIER

- —Blank, No Modifier
- 5 —Motor Operators Remote\*

## LIGHT CURTAIN INTERFACE OPTIONS

- B —Banner Standard
- C —C4000 Advanced With LC Operators on Door
- V —C4000 Advanced With LC Operators Remote
- W —C4000 Standard

## CONFIGURATION & OPERATOR LOCATION

- F —Keypad/Display and All Operators on Door of Enclosure
- P —Keypad/Display and All Operators Remote (Plain Door)
- S —Subpanel Only—Without Enclosure, Keypad/Display, and Operators
- K —Kit with Module and Control Relays Only—Without Enclosure, Subpanel, Transformer, Keypad/Display, and Operators
- X —Same as F (above) Without Control Transformer
- Y —Same as F (above) Without Control Transformer but With E-Stop, Return/Inch-up, and Prior Action on the Enclosure
- Z —Same as F (above) Without Control Transformer but With E-Stop, Prior Action, and Two (2) Guarded Run/Inch Buttons on the Enclosure

*\*See page 48 for remote motor control operator stations or Safety Shields catalog.*

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