

### PH3 POWERHALT SHUT-OFF VALVES

DESCRIPTION	SIZE	CONTROL/ RESET	ACTUATION	KIT #	INSTALL MANUAL
<b>UNIVERSAL KITS (COMMERCIAL TRUCKS/STATIONARY EQUIPMENT)</b>					
<b>*NOTE: C50321 Kits are 1.75" Valves using REDUCING HOSES to 1.5"</b>					
Automatic MAG 3/8" WITH 5' HARNESS	<i>*See Note</i>	Auto/Auto or Manual	Electric	C50321A	6325 / 6452
Automatic MAG 3/8" WITH 10' HARNESS	<i>*See Note</i>	Auto/Auto or Manual	Electric	C50321A-10	6325 / 6452
Automatic CUMMINS CRANK POSITION WIRE T-JUMPER WITH 10' HARNESS	<i>*See Note</i>	Auto/Auto or Manual	Electric	C50321A-J10	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	<i>*See Note</i>	Auto/Auto or Manual	Electric	C50321A-R	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	<i>*See Note</i>	Auto/Auto or Manual	Electric	C50321A-R10	6325 / 6452
Manual 5' HARNESS - 12 & 24 VDC	<i>*See Note</i>	Manual/Auto	Electric	C50321T	6481
Manual 10' HARNESS - 12 & 24 VDC	<i>*See Note</i>	Manual/Auto	Electric	C50321T-10	6481
Manual 15' HARNESS - 12 & 24 VDC	<i>*See Note</i>	Manual/Auto	Electric	C50321T-15	6481
Automatic MAG 3/8" WITH 5' HARNESS	1.75"	Auto/Auto or Manual	Electric	C50224A	6325 / 6452
Automatic MAG 3/8" WITH 10' HARNESS	1.75"	Auto/Auto or Manual	Electric	C50224A-10	6325 / 6452
Automatic CUMMINS CRANK POSITION WIRE T-JUMPER WITH 10' HARNESS	1.75"	Auto/Auto or Manual	Electric	C50224A-J10	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	1.75"	Auto/Auto or Manual	Electric	C50224A-R	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	1.75"	Auto/Auto or Manual	Electric	C50224A-R10	6325 / 6452
Manual 5' HARNESS - 12 & 24 VDC	1.75"	Manual/Auto	Electric	C50224T	6481
Manual 10' HARNESS - 12 & 24 VDC	1.75"	Manual/Auto	Electric	C50224T-10	6481
Manual 15' HARNESS - 12 & 24 VDC	1.75"	Manual/Auto	Electric	C50224T-15	6481
Automatic MAG 3/8" WITH 5' HARNESS	2.0"	Auto/Auto or Manual	Electric	C50225A	6325 / 6452
Automatic MAG 3/8" WITH 10' HARNESS	2.0"	Auto/Auto or Manual	Electric	C50225A-10	6325 / 6452
Automatic CUMMINS CRANK POSITION WIRE T-JUMPER WITH 10' HARNESS	2.0"	Auto/Auto or Manual	Electric	C50225A-J10	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	2.0"	Auto/Auto or Manual	Electric	C50225A-R	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	2.0"	Auto/Auto or Manual	Electric	C50225A-R10	6325 / 6452
Manual 5' HARNESS - 12 & 24 VDC	2.0"	Manual/Auto	Electric	C50225T	6481
Manual 10' HARNESS - 12 & 24 VDC	2.0"	Manual/Auto	Electric	C50225T-10	6481
Manual 15' HARNESS - 12 & 24 VDC	2.0"	Manual/Auto	Electric	C50225T-15	6481

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<b>UNIVERSAL KITS (COMMERCIAL TRUCKS / STATIONARY EQUIPMENT)</b>					
Automatic MAG 3/8" WITH 5' HARNESS	2.25"	Auto/Auto or Manual	Electric	C50252A	6325 / 6452
Automatic MAG 3/8" WITH 10' HARNESS	2.25"	Auto/Auto or Manual	Electric	C50252A-10	6325 / 6452
Automatic CUMMINS CRANK POSITION WIRE T-JUMPER WITH 10' HARNESS	2.25"	Auto/Auto or Manual	Electric	C50252A-J10	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	2.25"	Auto/Auto or Manual	Electric	C50252A-R	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	2.25"	Auto/Auto or Manual	Electric	C50252A-R10	6325 / 6452
Manual 5' HARNESS - 12 & 24 VDC	2.25"	Manual/Auto	Electric	C50252T	6481
Manual 10' HARNESS - 12 & 24 VDC	2.25"	Manual/Auto	Electric	C50252T-10	6481
Manual 15' HARNESS - 12 & 24 VDC	2.25"	Manual/Auto	Electric	C50252T-15	6481
Automatic MAG 3/8" WITH 5' HARNESS	2.5"	Auto/Auto or Manual	Electric	C50243A	6325 / 6452
Automatic MAG 3/8" WITH 10' HARNESS	2.5"	Auto/Auto or Manual	Electric	C50243A-10	6325 / 6452
Automatic CUMMINS CRANK POSITION WIRE T-JUMPER WITH 10' HARNESS	2.5"	Auto/Auto or Manual	Electric	C50243A-J10	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	2.5"	Auto/Auto or Manual	Electric	C50243A-R	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	2.5"	Auto/Auto or Manual	Electric	C50243A-R10	6325 / 6452
Manual 5' HARNESS - 12 & 24 VDC	2.5"	Manual/Auto	Electric	C50243T	6481
Manual 10' HARNESS - 12 & 24 VDC	2.5"	Manual/Auto	Electric	C50243T-10	6481
Manual 15' HARNESS - 12 & 24 VDC	2.5"	Manual/Auto	Electric	C50243T-15	6481
Automatic MAG 3/8" WITH 5' HARNESS	2.75"	Auto/Auto or Manual	Electric	C50244A	6325 / 6452
Automatic MAG 3/8" WITH 10' HARNESS	2.75"	Auto/Auto or Manual	Electric	C50244A-10	6325 / 6452
Automatic CUMMINS CRANK POSITION WIRE T-JUMPER WITH 10' HARNESS	2.75"	Auto/Auto or Manual	Electric	C50244A-J10	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	2.75"	Auto/Auto or Manual	Electric	C50244A-R	6325 / 6452
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	2.75"	Auto/Auto or Manual	Electric	C50244A-R10	6325 / 6452
Manual 5' HARNESS - 12 & 24 VDC	2.75"	Manual/Auto	Electric	C50244T	6481
Manual 10' HARNESS - 12 & 24 VDC	2.75"	Manual/Auto	Electric	C50244T-10	6481
Manual 15' HARNESS - 12 & 24 VDC	2.75"	Manual/Auto	Electric	C50244T-15	6481

### PH3 POWERHALT SHUT-OFF VALVES

DESCRIPTION	SIZE	CONTROL/ RESET	ACTUATION	KIT #	INSTALL MANUAL
<b>UNIVERSAL KITS (COMMERCIAL TRUCKS / STATIONARY EQUIPMENT)</b>					
Automatic MAG 3/4" WITH 5' HARNESS	3.0"	Auto/Auto or Manual	Electric	<b>C50226A</b>	<b>6325 / 6452</b>
Automatic MAG 3/4" WITH 10' HARNESS	3.0"	Auto/Auto or Manual	Electric	<b>C50226A-10</b>	<b>6325 / 6452</b>
Automatic CUMMINS CRANK POSITION WIRE T-JUMPER WITH 10' HARNESS	3.0"	Auto/Auto or Manual	Electric	<b>C50226A-J10</b>	<b>6325 / 6452</b>
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	3.0"	Auto/Auto or Manual	Electric	<b>C50226A-R</b>	<b>6325 / 6452</b>
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	3.0"	Auto/Auto or Manual	Electric	<b>C50226A-R10</b>	<b>6325 / 6452</b>
Manual 5' HARNESS - 12 & 24 VDC	3.0"	Manual/Auto	Electric	<b>C50226T</b>	<b>6481</b>
Manual 10' HARNESS - 12 & 24 VDC	3.0"	Manual/Auto	Electric	<b>C50226T-10</b>	<b>6481</b>
Manual 15' HARNESS - 12 & 24 VDC	3.0"	Manual/Auto	Electric	<b>C50226T-15</b>	<b>6481</b>
Automatic MAG 3/4" WITH 5' HARNESS	3.5"	Auto/Auto or Manual	Electric	<b>C60256A</b>	<b>6492 / 6493</b>
Automatic MAG 3/4" WITH 10' HARNESS	3.5"	Auto/Auto or Manual	Electric	<b>C60256A-10</b>	<b>6492 / 6493</b>
Automatic CUMMINS CRANK POSITION WIRE T-JUMPER UP TO & INCLUDING 2018 WITH APEX CONNECTOR <sup>2</sup> WITH 10' HARNESS	3.5"	Auto/Auto or Manual	Electric	<b>C60256A-J10</b>	<b>6492 / 6493</b>
Automatic CUMMINS CRANK POSITION WIRE T-JUMPER 2018 + WITH MCON 1.2 CONNECTOR <sup>2</sup> WITH 10' HARNESS	3.5"	Auto/Auto or Manual	Electric	<b>C60256A-2J10</b>	<b>6492 / 6493</b>
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	3.5"	Auto/Auto or Manual	Electric	<b>C60256A-R</b>	<b>6492 / 6493</b>
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	3.5"	Auto/Auto or Manual	Electric	<b>C60256A-R10</b>	<b>6492 / 6493</b>
Manual 5' HARNESS - 12 & 24 VDC	3.5"	Manual/Auto or Manual	Electric	<b>C60256T</b>	<b>6495</b>
Manual 10' HARNESS - 12 & 24 VDC	3.5"	Manual/Auto or Manual	Electric	<b>C60256T-10</b>	<b>6495</b>
Manual 15' HARNESS - 12 & 24 VDC	3.5"	Manual/Auto or Manual	Electric	<b>C60256T-15</b>	<b>6495</b>
Manual 20' HARNESS - 12 & 24 VDC	3.5"	Manual/Auto or Manual	Electric	<b>C60256T-20</b>	<b>6495</b>

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<b>UNIVERSAL KITS (COMMERCIAL TRUCKS / STATIONARY EQUIPMENT)</b>					
Automatic MAG 3/4" WITH 5' HARNESS	4.0"	Auto/Auto or Manual	Electric	<b>C60228A</b>	<b>6492 / 6493</b>
Automatic MAG 3/4" WITH 10' HARNESS	4.0"	Auto/Auto or Manual	Electric	<b>C60228A-10</b>	<b>6492 / 6493</b>
Automatic CUMMINS CRANK POSITION WIRE T-JUMPER UP TO & INCLUDING 2018 WITH APEX CONNECTOR <sup>†</sup> WITH 10' HARNESS	4.0"	Auto/Auto or Manual	Electric	<b>C60228A-J10</b>	<b>6492 / 6493</b>
Automatic CUMMINS CRANK POSITION WIRE T-JUMPER 2018 + WITH MCON 1.2 CONNECTOR <sup>†</sup> WITH 10' HARNESS	4.0"	Auto/Auto or Manual	Electric	<b>C60228A-2J10</b>	<b>6492 / 6493</b>
Automatic – R Terminal R TERMINAL WITH 5' HARNESS	4.0"	Auto/Auto or Manual	Electric	<b>C60228A-R</b>	<b>6492 / 6493</b>
Automatic – R Terminal R TERMINAL WITH 10' HARNESS	4.0"	Auto/Auto or Manual	Electric	<b>C60228A-R10</b>	<b>6492 / 6493</b>
Manual 5' HARNESS - 12 & 24 VDC	4.0"	Manual/Auto or Manual	Electric	<b>C60228T</b>	<b>6495</b>
Manual 10' HARNESS - 12 & 24 VDC	4.0"	Manual/Auto or Manual	Electric	<b>C60228T-10</b>	<b>6495</b>
Manual 15' HARNESS - 12 & 24 VDC	4.0"	Manual/Auto or Manual	Electric	<b>C60228T-15</b>	<b>6495</b>
Manual 20' HARNESS - 12 & 24 VDC	4.0"	Manual/Auto or Manual	Electric	<b>C60228T-20</b>	<b>6495</b>

### PH3 POWERHALT SHUT-OFF VALVES

MAKE / MODEL	SIZE	CONTROL / RESET	ACTUATION	KIT #	INSTALL MANUAL
<b>CLASS 3-5 PICK-UP TRUCK / CHASSIS CAB TRUCKS</b>					
2013 - 2018 Dodge Ram	3.5"	Auto / Auto or Manual	Electric	C50254A	6409
2019+ Dodge Ram	3.5"	Auto / Auto or Manual	Electric	C50330A	6409
2017 - 2020 Ford 6.7L Powerstroke	2.75"	Auto / Auto or Manual	Electric	C50278A	6423
2017 GM Duramax	2.75"	Auto / Auto or Manual	Electric	C50287A	6446
2011-2015 Mercedes Sprinter (3.0L V6)	2.25"	Auto / Auto or Manual	Electric	C50230A	6313

### CLASS 6 - 8 COMMERCIAL HEAVY DUTY TRUCKS

Mack/Volvo Generic	3.5"	Auto / Auto or Manual	Electric	C60255A	6492 / 6493
Mack/Volvo Generic FOR USE WITH "R" TERMINAL	3.5"	Auto / Auto or Manual	Electric	C60255A-R	6492 / 6493
Detroit DD 13, 15 or 16 Engine	4.0"	Auto / Auto or Manual	Electric	C60223A	6492 / 6493
MX13 Engine PUSH-IN TYPE MAG	4.0"	Auto / Auto or Manual	Electric	C60242A	6492 / 6493
MX13 Engine CRANK POSITION SENSOR T JUMPER	4.0"	Auto / Auto or Manual	Electric	C60242A-J	6492 / 6493

### STATIONARY EQUIPMENT

#### COMPRESSOR

Doosan 1600 - Automatic MAG 5/8" WITH 10' HARNESS	4.0"	Auto / Auto or Manual	Electric	C50315A	6325 / 6452
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#### LIGHT TOWER

PH3 - LTW20/20KW / BV- 4LEZ Engine	2.0"	Auto / Auto or Manual	Electric	C50222A	6325 / 6452
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#### WELDERS

**\*NOTE: C50321 Kits are 1.75" Valves using REDUCERS to 1.5"**

PH3 Vantage 400 Welder	<b>*See Note</b>	Auto / Auto or Manual	Electric	C50321A	6325 / 6452
PH3 Vantage 400 Welder	1.75"	Auto / Auto or Manual	Electric	C50224A	6325 / 6452

#### UNIVERSAL

Isuzu 3CJ Engine	1.75"	Auto / Auto or Manual	Electric	C50246A	6325 / 6452
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### PH3 POWERHALT SHUT-OFF VALVE ACCESSORIES

ACCESSORY	MAKE / MODEL	SYSTEM VOLTAGE	KIT #	INSTALL MANUAL
<b>AUXILIARY INPUT JUMPER HARNESS</b>				
Auxiliary Input Jumper Harness	Universal	12VDC	C50159	6396
Auxiliary Input Jumper Harness	Universal	24VDC	C50159-24	6396

## C5 SERIES CUSTOM ORDERS

How to use the PH3 Custom Order Chart:

- 1 Choose a: **VALVE MODEL** + **VALVE SIZE** + **CONTROL OPTION** + **MOUNTING GROUP** \*
- 2 Place order using PH3 part numbers. **Example PH3 Valve Order:** C50087 C50094 C50117 \*
- 3 Choose any other custom valve components. See Component Section.

### PH3 POWERHALT SHUT-OFF VALVES CUSTOM ORDER CHART

VALVE MODEL	PH3	PART #	CONTENTS
<b>VALVE SIZE</b> (OUTSIDE DIMENSION)		C50087	1.75" Valve
		C50088	2.0" Valve
		C50089	2.25" Valve
		C50097	2.5" Valve
		C50096	2.75" Valve
		C50090	3.0" Valve
		C50098	3.5" Valve
		C50086	4.0" Valve
<b>CONTROL OPTIONS**</b>	<b>AUTOMATIC</b> + MAGNETIC SENSOR SEE PAGE 45 †	C50094	Automatic Controller Membrane Switch 5' long Harness
		C50093	Automatic Controller Membrane Switch 10' long Harness
	<b>MANUAL</b>	C50272	Manual Controller Toggle Switch 5' Harness
		C50273	Manual Controller Toggle Switch 10' Harness
<b>MOUNTING GROUPS</b>			There are many mounting groups available depending on the application, see the COMPONENT SECTION, page 61-64.

\* AUTOMATIC CONTROL OPTIONS MUST ALSO ADD A MAGNETIC PICK-UP, SEE PAGE 45

\*\* PICK THE CONTROL KIT OPTIONS BASED ON THE LENGTH OF HARNESS

† NOT FOR USE WITH VR SENSOR OR R-TERMINAL HARNESS. PLEASE CONTACT POWERHALT REPRESENTATIVE FOR MORE INFORMATION.