

FD **FLODRAULIC**



SELECTION GUIDE & PRICE LIST 2008



Motor Starters

EFFECTIVE JANUARY 1, 2008



| TYPE | ENCLOSURE | CONTROL | PAGE |
|-------|----------------------|------------|------|
| FVR | open | none | 2 |
| FVR | Type 1, 12, metal | Fwd-Rev | 8,9 |
| FVNR | open | none | 1 |
| FVNR | Starter Base and Lid | start/stop | 3 |
| FVNR | Type 4, non-metallic | start/stop | 4 |
| FVNR | Type 1, metal | start/stop | 5 |
| FVNR | Type 1, metal | HOA | 6 |
| FVNR | Type 12, metal | HOA | 7 |
| 2-spd | Type 1, 12, metal | High-Low | 10 |



Open Style Non-Reversing Starters with 3 pole thermal overload relay

Start-Stop/Reset includes start aux. contact



| Amp AC3 | Horsepower | | | | | | Overload Range | Stop/Reset | | Start-Stop/Reset | |
|-----------|------------|-----------|---------|-----------|---------|-----------|----------------|------------|---------|------------------|---------|
| | 115/1 | 230/1 | 208/3 | 230/3 | 460/3 | 600/3 | | Code # | List \$ | Code # | List \$ |
| 9 | - | - | - | - | - | - | .13 - .20 | 047B5560 | 168 | 047B5500 | 175 |
| | - | - | - | - | - | - | .19 - .29 | 047B5561 | | 047B5501 | |
| | - | - | - | - | - | - | .27 - .42 | 047B5562 | | 047B5502 | |
| | - | - | - | - | - | - | .40 - .62 | 047B5563 | | 047B5503 | |
| | - | - | - | - | - | 1/2 | .60 - .92 | 047B5564 | | 047B5504 | |
| | - | - | 1/4 | 1/4 | 1/2 | 3/4 - 1 | .85 - 1.3 | 047B5565 | | 047B5505 | |
| | - | 1/6 | 1/3 | 1/3 | 3/4 - 1 | 1.5 | 1.2 - 1.9 | 047B5566 | | 047B5506 | |
| | - | 1/4 | 1/2 | 1/2 - 3/4 | 1.5 | 2 | 1.8 - 2.8 | 047B5567 | | 047B5507 | |
| | 1/6 | 1/3 | 3/4 - 1 | 3/4 - 1 | 2 | 3 | 2.7 - 4.2 | 047B5568 | | 047B5508 | |
| | 1/4 | 1/2 - 3/4 | 1.5 | 1.5 - 2 | 3 | 5 | 4.0 - 6.2 | 047B5569 | | 047B5509 | |
| 1/3 - 1/2 | 1 | 2 | 3 | 5 | 7.5 | 6.0 - 9.2 | 047B5570 | 047B5510 | | | |
| 12 | 3/4 | 2 | 3 | 4 | 7.5 | 10 | 8 - 12 | 047B5586 | 180 | 047B5526 | 186 |
| 16 | 1 | 3 | 5 | 5 | 10 | 15 | 11 - 16 | 047B5602 | 205 | 047B5542 | 214 |
| 25 | 1.5 | 3 | 5 | 5 | 15 | 15 | 15 - 20 | 047B5618 | 274 | 047B5558 | 281 |
| | 2 | 4 | 7.5 | 7.5 | 15 | 20 | 19 - 25 | 047B5619 | | 047B5559 | |
| 30 | 2 | 5 | 10 | 10 | 20 | 20 | 24 - 32 | 047B6056 | 365 | 047B6059 | 372 |
| 32 | 3 | 5 | 10 | 10 | 20 | 25 | 22 - 32 | 047B6050 | 461 | 047B6052 | 469 |
| 37 | 3 | 7.5 | 15 | 15 | 25 | 30 | 30 - 45 | 047B6057 | 548 | 047B6060 | 557 |
| 50 | 3 | 7.5 | 15 | 15 | 30 | 40 | 30 - 45 | 047B6064 | 634 | 047B6065 | 641 |
| | 5 | 10 | 15 | 15 | 30 | 40 | 42 - 63 | 047B6058 | | 047B6061 | |

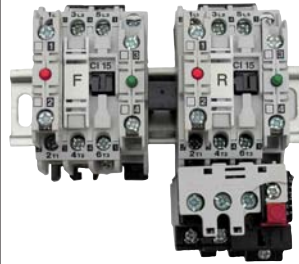
IMPORTANT Add coil suffix to code numbers as follows:

| | |
|----|------------|
| 14 | 24V/60 |
| 23 | 110V,50/60 |
| 28 | 208/230,60 |
| 37 | 460V/60 |
| 94 | 575V/60 |



**Open Style Rev.
Starter (1 phase)
with 3 pole thermal
overload relay**

includes 1NO, 1NC aux.
contact per contactor



**Open Style Rev.
Starter (3 phase)
with 3 pole thermal
overload relay**

includes 1NO, 1NC aux.
contact per contactor



| Amp AC3 | Horsepower (1ph) | | Overload Range | Code # | List \$ | Horsepower (3ph) | | | | Code # | List \$ |
|------------|------------------|-----------|-------------------|----------|---------|------------------|-----------|---------|---------|----------|---------|
| | 115/1 | 230/1 | | | | 208/3 | 230/3 | 460/3 | 600/3 | | |
| 9 | - | - | .60 - .92 | NA | NA | - | - | - | 1/2 | 047L5404 | 385 |
| | - | - | .85 - 1.3 | NA | NA | 1/4 | 1/4 | 1/2 | 3/4 - 1 | 047L5405 | |
| | - | 1/6 | 1.2 - 1.9 | 047B6070 | | 1/3 | 1/3 | 3/4 - 1 | 1.5 | 047L5407 | |
| | - | 1/4 | 1.8 - 2.8 | 047B6071 | | 1/2 | 1/2 - 3/4 | 1.5 | 2 | 047L5408 | |
| | 1/6 | 1/3 | 2.7 - 4.2 | 047B6072 | 385 | 3/4 - 1 | 3/4 - 1 | 2 | 3 | 047L5409 | |
| | 1/4 | 1/2 - 3/4 | 4.0 - 6.2 | 047B6073 | | 1.5 | 1.5 - 2 | 3 | 5 | 047L5635 | |
| | 1/3 - 1/2 | 1 | 6.0 - 9.2 | 047B6074 | | 2 | 3 | 5 | 7.5 | 047L5636 | |
| 12 | 3/4 | 2 | 8 - 12 | 047B6075 | 402 | 3 | 4 | 7.5 | 10 | 047B6082 | 402 |
| 16 | 1 | 3 | 11 - 16 | 047B6076 | 410 | 5 | 5 | 10 | 15 | 047B6084 | 410 |
| 25 | 1.5 | 3 | 15 - 20 | 047B6077 | 479 | 5 | 5 | 15 | 15 | 047B5638 | 479 |
| | 2 | 4 | 19 - 25 | 047B6078 | | 7.5 | 7.5 | 15 | 20 | 047B6085 | |
| 30 | 2 | 5 | 24 - 32 | 047B6079 | 582 | 10 | 10 | 20 | 20 | 047B6086 | 582 |
| 32 | 3 | 5 | 22 - 32 | 047B5958 | 812 | 10 | 10 | 20 | 25 | 047B6087 | 812 |
| 37 | 3 | 7.5 | 30 - 45 | 047B6080 | 868 | 15 | 15 | 25 | 30 | 047B6088 | 868 |
| | | | 30 - 45 | NA | NA | 15 | 15 | 30 | 40 | 047B6089 | 932 |
| 50 | 5 | 10 | 42 - 63 | 047B6058 | 932 | | | | | | |

IMPORTANT Add coil suffix to code numbers as follows:

| | |
|----|------------|
| 14 | 24V/60 |
| 23 | 110V,50/60 |
| 28 | 208/230,60 |
| 37 | 460V/60 |
| 94 | 575V/60 |



Starter Base and Lid

| NEMA 1-IP55 | | LIST PRICE |
|-------------|-----------------------|------------|
| 047L537200 | Blank Lid NEMA 1-IP55 | \$36.00 |
| 047L537100 | Stop/Reset Button | \$49.20 |
| 047L537000 | Start and Stop/Reset | \$57.60 |

| NEMA 4-IP65 | | LIST PRICE |
|-------------|----------------------|------------|
| 047L539600 | Blank Lid | \$39.60 |
| 047L539700 | Stop/Reset Button | \$54.00 |
| 047L539800 | Start and Stop/Reset | \$61.20 |
| 047X576100 | Start Button | \$49.20 |

| BASES | | |
|------------|--------------|---------|
| 047B574200 | Plastic Base | \$50.40 |



BLANK



STOP/RESET



START/STOP/RESET



START



NOTE:
NEMA 4 version shown
in all pictures.



Enclosed Non-Reversing Starters with 3 pole thermal overload relay

TYPE 4 (non-metallic base and cover)
Start-Stop/Reset includes start aux. contact



| Amp AC3 | Horsepower | | | | | | Overload Range | Stop/Reset | | Start-Stop/Reset | |
|------------|------------|-----------|---------|-----------|---------|-----------|-------------------|------------|---------|------------------|---------|
| | 115/1 | 230/1 | 208/3 | 230/3 | 460/3 | 600/3 | | Code # | List \$ | Code # | List \$ |
| 9 | - | - | - | - | - | - | .13 - .20 | 047B5834 | 263 | 047B5862 | 280 |
| | - | - | - | - | - | - | .19 - .29 | 047B5835 | | 047B5863 | |
| | - | - | - | - | - | - | .27 - .42 | 047B5836 | | 047B5864 | |
| | - | - | - | - | - | - | .40 - .62 | 047B5837 | | 047B5865 | |
| | - | - | - | - | - | 1/2 | .60 - .92 | 047B5819 | | 047B5821 | |
| | - | - | 1/4 | 1/4 | 1/2 | 3/4 - 1 | .85 - 1.3 | 047B5818 | | 047B5820 | |
| | - | 1/6 | 1/3 | 1/3 | 3/4 - 1 | 1.5 | 1.2 - 1.9 | 047B5807 | | 047B5816 | |
| | - | 1/4 | 1/2 | 1/2 - 3/4 | 1.5 | 2 | 1.8 - 2.8 | 047B5808 | | 047B5817 | |
| | 1/6 | 1/3 | 3/4 - 1 | 3/4 - 1 | 2 | 3 | 2.7 - 4.2 | 047B5800 | | 047B5809 | |
| | 1/4 | 1/2 - 3/4 | 1.5 | 1.5 - 2 | 3 | 5 | 4.0 - 6.2 | 047B5801 | | 047B5810 | |
| 1/3 - 1/2 | 1 | 2 | 3 | 5 | 7.5 | 6.0 - 9.2 | 047B5802 | 047B5811 | | | |
| 12 | 3/4 | 2 | 3 | 4 | 7.5 | 10 | 8 - 12 | 047B5803 | 272 | 047B5812 | 286 |
| 16 | 1 | 3 | 5 | 5 | 10 | 15 | 11 - 16 | 047B5804 | 299 | 047B5813 | 311 |
| 25 | 1.5 | 3 | 5 | 5 | 15 | 15 | 15 - 20 | 047B5805 | 356 | 047B5814 | 370 |
| | 2 | 4 | 7.5 | 7.5 | 15 | 20 | 19 - 25 | 047B5861 | | 047B5889 | |

IMPORTANT Add coil suffix to code numbers as follows:

| | |
|----|------------|
| 14 | 24V/60 |
| 23 | 110V,50/60 |
| 28 | 208/230,60 |
| 37 | 460V/60 |
| 94 | 575V/60 |



Enclosed Non-Reversing Starters with 3 pole thermal overload relay

TYPE 1 (steel enclosure with hinged door)
Start-Stop/Reset includes start aux. contact



| Amp AC3 | Horsepower | | | | | | Overload Range | Stop/Reset | | Start-Stop/Reset | |
|------------|------------|-------|-------|-------|-------|-------|-------------------|------------|---------|------------------|---------|
| | 115/1 | 230/1 | 208/3 | 230/3 | 460/3 | 600/3 | | Code # | List \$ | Code # | List \$ |
| 25 | 2 | 4 | 7.5 | 7.5 | 15 | 20 | 19 - 25 | 047B5833 | 512 | 047B5832 | 530 |
| 30 | 2 | 5 | 10 | 10 | 20 | 20 | 24 - 32 | 047B5977 | 561 | 047B5978 | 576 |
| 32 | 3 | 5 | 10 | 10 | 20 | 25 | 22 - 32 | 047B5822 | 654 | 047B5824 | 669 |
| 37 | 3 | 7.5 | 15 | 15 | 25 | 30 | 30 - 45 | 047B5979 | 702 | 047B5980 | 719 |
| 50 | 3 | 7.5 | 10 | 15 | 30 | 40 | 30 - 45 | 047B5981 | 794 | 047B5982 | 807 |



Enclosed Non-Reversing Starters with 3 pole thermal overload relay

TYPE 12 (steel enclosure with hinged door)
Start-Stop/Reset includes start aux. contact



| Amp AC3 | Horsepower | | | | | | Overload Range | Stop/Reset | | Start-Stop/Reset | |
|------------|------------|-------|-------|-------|-------|-------|-------------------|------------|---------|------------------|---------|
| | 115/1 | 230/1 | 208/3 | 230/3 | 460/3 | 600/3 | | Code # | List \$ | Code # | List \$ |
| 25 | 2 | 4 | 7.5 | 7.5 | 15 | 20 | 19 - 25 | 047B5831 | 597 | 047B5830 | 611 |
| 30 | 2 | 5 | 10 | 10 | 20 | 20 | 24 - 32 | 047B5983 | 611 | 047B5984 | 670 |
| 32 | 3 | 5 | 10 | 10 | 20 | 25 | 22 - 32 | 047B5826 | 814 | 047B5828 | 833 |
| 37 | 3 | 7.5 | 15 | 15 | 25 | 30 | 30 - 45 | 047B5985 | 876 | 047B5986 | 889 |
| 50 | 3 | 7.5 | 10 | 15 | 30 | 40 | 30 - 45 | 047B5987 | 964 | 047B5988 | 981 |

IMPORTANT Add coil suffix to code numbers as follows:

| | |
|----|------------|
| 14 | 24V/60 |
| 23 | 110V,50/60 |
| 28 | 208/230,60 |
| 37 | 460V/60 |
| 94 | 575V/60 |



Enclosed Non-Rev. Starter (1 phase)

with 3 pole thermal overload relay

TYPE 1 (steel encl. with hinged door)
Hand-Off-Auto Sel Sw & pilot light



Enclosed Non-Rev. Starter (3 phase)

with 3 pole thermal overload relay

TYPE 1 (steel encl. with hinged door)
Hand-Off-Auto Sel Sw & pilot light
incl. control transformer, add suffix from table



| Amp AC3 | Horsepower (1ph) | | Overload Range | Code # | List \$ | Horsepower (3ph) | | | | Code # | List \$ |
|---------|------------------|-----------|----------------|----------|---------|------------------|-----------|---------|---------|----------|----------|
| | 115/1 | 230/1 | | | | 208/3 | 230/3 | 460/3 | 600/3 | | |
| 9 | - | - | .60 - .92 | NA | NA | - | - | - | 1/2 | 047X5000 | 719 |
| | - | - | .85 - 1.3 | NA | NA | 1/4 | 1/4 | 1/2 | 3/4 - 1 | 047X5001 | |
| | - | 1/6 | 1.2 - 1.9 | 047X5013 | 488 | 1/3 | 1/3 | 3/4 - 1 | 1.5 | 047X5002 | |
| | - | 1/4 | 1.8 - 2.8 | 047X5014 | | 1/2 | 1/2 - 3/4 | 1.5 | 2 | 047X5003 | |
| | 1/6 | 1/3 | 2.7 - 4.2 | 047X5015 | | 3/4 - 1 | 3/4 - 1 | 2 | 3 | 047X5004 | |
| | 1/4 | 1/2 - 3/4 | 4.0 - 6.2 | 047X5016 | | 1.5 | 1.5 - 2 | 3 | 5 | 047X5005 | |
| | 1/3 - 1/2 | 1 | 6.0 - 9.2 | 047X5017 | | 2 | 3 | 5 | 7.5 | 047X5006 | |
| 12 | 3/4 | 2 | 8 - 12 | 047X5018 | | 495 | 3 | 4 | 7.5 | 10 | 047X5007 |
| 16 | 1 | 3 | 11 - 16 | 047X5019 | 524 | 5 | 5 | 10 | 15 | 047X5008 | 746 |
| 25 | 1.5 | 3 | 15 - 20 | 047X5020 | 570 | 5 | 5 | 15 | 15 | 047X5009 | 792 |
| | 2 | 4 | 19 - 25 | 047X5021 | | 7.5 | 7.5 | 15 | 20 | 047X5010 | |
| 30 | 2 | 5 | 24 - 32 | 047X5025 | 637 | 10 | 10 | 20 | 20 | 047X5041 | 861 |
| 32 | 3 | 5 | 22 - 32 | 047X5061 | 854 | 10 | 10 | 20 | 25 | 047X5042 | 1124 |
| 37 | 3 | 7.5 | 30 - 45 | 047X5026 | 894 | 15 | 15 | 25 | 30 | 047X5043 | 1163 |
| 50 | 3 | 10 | 42 - 63 | 047X5027 | 912 | 15 | 15 | 30 | 40 | 047X5044 | 1196 |

IMPORTANT If using different coil voltage than motor voltage, add proper transformer suffix:

| | | |
|----|---------|-----|
| 11 | 110/24V | 185 |
| 12 | 240/24V | 185 |

IMPORTANT Add control transformer suffix as follows:

| | | | |
|----|---------|----|---------|
| 01 | 600/24 | 06 | 460/240 |
| 02 | 600/120 | 07 | 240/24 |
| 03 | 600/240 | 08 | 240/120 |
| 04 | 460/24 | 09 | 208/24 |
| 05 | 460/120 | 10 | 208/120 |



Enclosed Non-Rev. Starter (1 phase)

with 3 pole thermal overload relay

TYPE 12 (steel encl. with hinged door)
Hand-Off-Auto Sel Sw & pilot light



Enclosed Non-Rev. Starter (3 phase)

with 3 pole thermal overload relay

TYPE 12 (steel encl. with hinged door)
Hand-Off-Auto Sel Sw & pilot light
incl. control transformer, add suffix from table



| Amp AC3 | Horsepower (1ph) | | Overload Range | Code # | List \$ | Horsepower (3ph) | | | | Code # | List \$ |
|---------|------------------|-----------|----------------|----------|---------|------------------|-----------|---------|---------|----------|---------|
| | 115/1 | 230/1 | | | | 208/3 | 230/3 | 460/3 | 600/3 | | |
| 9 | - | - | .60 - .92 | NA | NA | - | - | - | 1/2 | 047X5045 | 765 |
| | - | - | .85 - 1.3 | NA | NA | 1/4 | 1/4 | 1/2 | 3/4 - 1 | 047X5046 | |
| | - | 1/6 | 1.2 - 1.9 | 047X5028 | 534 | 1/3 | 1/3 | 3/4 - 1 | 1.5 | 047X5047 | |
| | - | 1/4 | 1.8 - 2.8 | 047X5029 | | 1/2 | 1/2 - 3/4 | 1.5 | 2 | 047X5048 | |
| | 1/6 | 1/3 | 2.7 - 4.2 | 047X5030 | | 3/4 - 1 | 3/4 - 1 | 2 | 3 | 047X5049 | |
| | 1/4 | 1/2 - 3/4 | 4.0 - 6.2 | 047X5031 | | 1.5 | 1.5 - 2 | 3 | 5 | 047X5050 | |
| | 1/3 - 1/2 | 1 | 6.0 - 9.2 | 047X5032 | | 2 | 3 | 5 | 7.5 | 047X5051 | |
| 12 | 3/4 | 2 | 8 - 12 | 047X5033 | 545 | 3 | 4 | 7.5 | 10 | 047X5052 | 772 |
| 16 | 1 | 3 | 11 - 16 | 047X5034 | 572 | 5 | 5 | 10 | 15 | 047X5054 | 792 |
| 25 | 1.5 | 3 | 15 - 20 | 047X5035 | 621 | 5 | 5 | 15 | 15 | 047X5055 | 839 |
| | 2 | 4 | 19 - 25 | 047X5036 | | 7.5 | 7.5 | 15 | 20 | 047X5056 | |
| 30 | 2 | 5 | 24 - 32 | 047X5037 | 692 | 10 | 10 | 20 | 20 | 047X5057 | 908 |
| 32 | 3 | 5 | 22 - 32 | 047X5062 | 944 | 10 | 10 | 20 | 25 | 047X5058 | 1170 |
| 37 | 3 | 7.5 | 30 - 45 | 047X5038 | 985 | 15 | 15 | 25 | 30 | 047X5059 | 1209 |
| 50 | 3 | 10 | 42 - 63 | 047X5039 | 1036 | 15 | 15 | 30 | 40 | 047X5060 | 1242 |

IMPORTANT If using different coil voltage than motor voltage, add proper transformer suffix:

| | | |
|----|---------|-----|
| 11 | 110/24V | 185 |
| 12 | 240/24V | 185 |

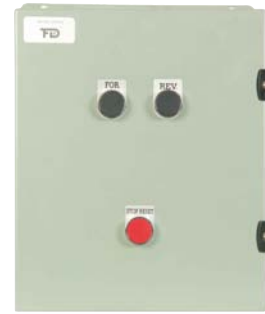
IMPORTANT Add control transformer suffix as follows:

| | | | |
|----|---------|----|---------|
| 01 | 600/24 | 06 | 460/240 |
| 02 | 600/120 | 07 | 240/24 |
| 03 | 600/240 | 08 | 240/120 |
| 04 | 460/24 | 09 | 208/24 |
| 05 | 460/120 | 10 | 208/120 |



**Enclosed Rev.
Starter (1 phase)
with 3 pole thermal
overload relay**

TYPE 1 and 12
(steel encl. with hinged door)



| Amp AC3 | Horsepower | | Overload Range | Stop/Reset (Type 1) | | Forward-Reverse Stop/Reset (Type 1) | | Forward-Reverse Stop/Reset (Type 12) | |
|------------|------------|-----------|-------------------|---------------------|---------|-------------------------------------|---------|--------------------------------------|---------|
| | 115/1 | 230/1 | | Code # | List \$ | Code # | List \$ | Code # | List \$ |
| 9 | - | 1/6 | 1.2 - 1.9 | 047B5995 | 548 | 047B6015 | 558 | 047B6035 | 711 |
| | - | 1/4 | 1.8 - 2.8 | 047B5996 | | 047B6016 | | 047B6036 | |
| | 1/6 | 1/3 | 2.7 - 4.2 | 047B5997 | | 047B6017 | | 047B6037 | |
| | 1/4 | 1/2 - 3/4 | 4.0 - 6.2 | 047B5998 | | 047B6018 | | 047B6038 | |
| | 1/3 - 1/2 | 1 | 6.0 - 9.2 | 047B5999 | | 047B6019 | | 047B6039 | |
| 12 | 3/4 | 2 | 8 - 12 | 047B6000 | 564 | 047B6020 | 575 | 047B6040 | 726 |
| 16 | 1 | 3 | 11 - 16 | 047B6001 | 624 | 047B6021 | 634 | 047B6041 | 861 |
| 25 | 1.5 | 3 | 15 - 20 | 047B6002 | 768 | 047B6022 | 780 | 047B6042 | 918 |
| | 2 | 4 | 19 - 25 | 047B6003 | | 047B6023 | | 047B6043 | |
| 30 | 2 | 5 | 24 - 32 | 047B6004 | 876 | 047B6024 | 886 | 047B6044 | 1032 |
| 32 | 2 | 5 | 22 - 32 | 047B5959 | 1235 | 047B5960 | 1246 | 047B5961 | 1286 |
| 37 | 2 | 7.5 | 30 - 45 | 047B6005 | 1314 | 047B6025 | 1325 | 047B6045 | 1362 |
| 50 | 3 | 5 | 42 - 63 | 047B6006 | 1440 | 047B6026 | 1481 | 047B6046 | 1520 |

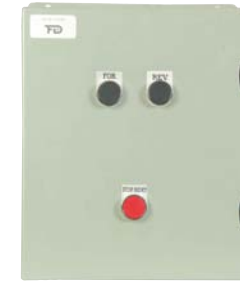
IMPORTANT Add coil suffix to code numbers as follows:

| | |
|----|------------|
| 14 | 24V/60 |
| 23 | 110V,50/60 |
| 28 | 208/230,60 |



**Enclosed Rev.
Starter (3 phase)
with 3 pole thermal
overload relay**

TYPE 1 and 12
(steel encl. with hinged door)



| Amps | Horsepower | | | | Overload Range | Stop/Reset (Type 1) | | Forward-Reverse Stop/Reset (Type 1) | | Forward-Reverse Stop/Reset (Type 12) | |
|------|------------|-----------|---------|---------|-------------------|---------------------|---------|-------------------------------------|---------|--------------------------------------|---------|
| | 208V | 230V | 460V | 600V | | Code # | List \$ | Code # | List \$ | Code # | List \$ |
| 9 | - | - | - | 1/2 | .60 - .92 | 047L5366 | 548 | 047L5360 | 558 | 047B6047 | 711 |
| | 1/4 | 1/4 | 1/2 | 3/4 - 1 | .85 - 1.3 | 047L5367 | | 047L5361 | | 047B6048 | |
| | 1/3 | 1/3 | 3/4 - 1 | 1 1/2 | 1.2 - 1.9 | 047L5369 | | 047L5363 | | 047B6049 | |
| | 1/2 | 1/2 - 3/4 | 1 1/2 | 2 | 1.8 - 2.8 | 047L5373 | | 047L5364 | | 047B5728 | |
| | 3/4 - 1 | 3/4 - 1 | 2 | 3 | 2.7 - 4.2 | 047L5374 | | 047L5356 | | 047B5734 | |
| | 1 1/2 | 1 1/2 - 2 | 3 | 5 | 4.0 - 6.2 | 047L5385 | | 047B5356 | | 047B5735 | |
| | 2 | 3 | 5 | 7 1/2 | 6.0 - 9.2 | 047L5357 | | 047B5486 | | 047B6090 | |
| 12 | 3 | - | 7 1/2 | 10 | 8 - 12 | 047L6007 | 564 | 047B6027 | 575 | 047B6091 | 726 |
| 16 | - | 5 | 10 | 15 | 11 - 16 | 047L6009 | 624 | 047B6029 | 634 | 047B6093 | 861 |
| 25 | 5 | - | 15 | - | 15 - 20 | 047L5359 | 768 | 047B5488 | 780 | 047B6094 | 918 |
| | - | 7 1/2 | - | 20 | 19 - 25 | 047L6010 | | 047B6030 | | 047B6095 | |
| 30 | 7 1/2 | - | - | - | 24 - 32 | 047L6011 | 876 | 047B6031 | 886 | 047B6096 | 1032 |
| 32 | - | 10 | 20 | 25 | 22 - 32 | 047L6012 | 1235 | 047B6032 | 1246 | 047B6097 | 1286 |
| 37 | - | 15 | 25 | 30 | 30 - 45 | 047L6013 | 1314 | 047B6033 | 1325 | 047B6098 | 1362 |
| 50 | 10 | 15 | 30 | 40 | 42 - 63 | 047L6014 | 1440 | 047B6034 | 1481 | 047B6099 | 1520 |

IMPORTANT Add coil suffix to code numbers as follows:

| | |
|----|-------------|
| 28 | 208/230V/60 |
| 37 | 460V/60 |
| 94 | 575V/60 |



Enclosed 2-SPD 2-WDG Starters with 3 pole thermal overload relay

TYPE 1 and 12 (steel enclosure with hinged door) constant or variable torque

| Horsepower | | | | TYPE 1 | | | | TYPE 12 | | | |
|------------|-------|-------|-------|------------|---------|----------|---------|------------|---------|----------|---------|
| | | | | HIGH - LOW | | REMOTE | | HIGH - LOW | | REMOTE | |
| 208/3 | 230/3 | 460/3 | 575/3 | Code # | List \$ | Code # | List \$ | Code # | List \$ | Code # | List \$ |
| 1.5 | 2 | 3 | 5 | 047X5312 | 906 | 047X5324 | 883 | 047X5358 | 1047 | 047X5374 | 1023 |
| 2 | 3 | 5 | 7.5 | 047X5313 | 918 | 047X5325 | 896 | 047X5359 | 1059 | 047X5375 | 1037 |
| 3 | 4 | 7.5 | 10 | 047X5314 | 943 | 047X5326 | 920 | 047X5360 | 1084 | 047X5376 | 1061 |
| 3 | 5 | 10 | 15 | 047X5315 | 997 | 047X5327 | 975 | 047X5361 | 1138 | 047X5377 | 1116 |
| 5 | 7.5 | 15 | 20 | 047X5342 | 1042 | 047X5350 | 1019 | 047X5362 | 1183 | 047X5378 | 1160 |
| 7.5 | 10 | 20 | 25 | 047X5343 | 1391 | 047X5351 | 1369 | 047X5363 | 1452 | 047X5379 | 1429 |
| 10 | 15 | 25 | 30 | 047X5344 | 1479 | 047X5352 | 1457 | 047X5364 | 1540 | 047X5380 | 1517 |
| 15 | 15 | 30 | 40 | 047X5345 | 1502 | 047X5353 | 1480 | 047X5365 | 1561 | 047X5381 | 1539 |

CAUTION: Motor FLA at high and low speeds MUST be advised at time of selection.



Enclosed 2-SPD1-WDG Starters with 3 pole thermal overload relay

TYPE 1 and 12 (steel enclosure with hinged door) constant or variable torque

| Horsepower | | | | TYPE 1 | | | | TYPE 12 | | | |
|------------|-------|-------|-------|------------|---------|----------|---------|------------|---------|----------|---------|
| | | | | HIGH - LOW | | REMOTE | | HIGH - LOW | | REMOTE | |
| 208/3 | 230/3 | 460/3 | 575/3 | Code # | List \$ | Code # | List \$ | Code # | List \$ | Code # | List \$ |
| 1.5 | 2 | 3 | 5 | 047X5318 | 962 | 047X5330 | 940 | 047X5366 | 1075 | 047X5382 | 1054 |
| 2 | 3 | 5 | 7.5 | 047X5319 | 987 | 047X5331 | 965 | 047X5367 | 1106 | 047X5383 | 1084 |
| 3 | 4 | 7.5 | 10 | 047X5320 | 1042 | 047X5332 | 1019 | 047X5368 | 1158 | 047X5384 | 1136 |
| 3 | 5 | 10 | 15 | 047X5321 | 1138 | 047X5333 | 1116 | 047X5369 | 1250 | 047X5385 | 1227 |
| 5 | 7.5 | 15 | 20 | 047X5346 | 1492 | 047X5354 | 1470 | 047X5370 | 1580 | 047X5386 | 1558 |
| 7.5 | 10 | 20 | 25 | 047X5347 | 1619 | 047X5355 | 1595 | 047X5371 | 1724 | 047X5387 | 1702 |
| 10 | 15 | 25 | 30 | 047X5348 | 1709 | 047X5356 | 1687 | 047X5372 | 1800 | 047X5388 | 1777 |
| 15 | 15 | 30 | 40 | 047X5349 | 1724 | 047X5357 | 1701 | 047X5373 | 1814 | 047X5389 | 1790 |

CAUTION: Motor FLA at high and low speeds MUST be advised at time of selection.

IMPORTANT Add coil suffix to code numbers as follows:

| | | | | | | | | | |
|----|--------|----|------------|----|------------|----|---------|----|---------|
| 14 | 24V/60 | 23 | 110V,50/60 | 28 | 208/230,60 | 37 | 460V/60 | 94 | 575V/60 |
|----|--------|----|------------|----|------------|----|---------|----|---------|

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