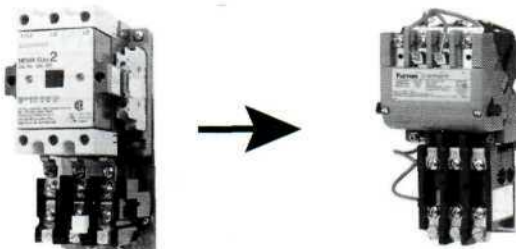


US Series to Furnas Brand NEMA Starters Sizes 0-8 Cross Reference



Coil Table	
US Series Coil Designation (***)	Innova Coil Designation (*)
120-120V	A—Dual Voltage 120/240V AC F—Single Voltage 120V AC
024-24V	J—Single Voltage
208-208V	D—Single Voltage 200–208V AC A—Dual Voltage 120/240V AC
240-240V	G—Single Voltage 240V AC
277-277V	L—Single Voltage 277V AC
480-480V	C—Dual Voltage 240/480V AC H—Single Voltage 480V AC
600-600V	E—Single Voltage 600V AC

3 Phase Magnetic Contactors

US Series Catalog No	Furnas Brand Catalog No	US Series Catalog No	Furnas Brand Catalog No	US Series Catalog No	Furnas Brand Catalog No	US Series Catalog No	Furnas Brand Catalog No
CXLB0***	40CP32A*	CXLD0***	40FP32A*	CXLF0***	40JG32A*	CXLH2***	40MG320*
CXLB2***	40CP320*	CXLD2***	40FP320*	CXLF2***	40JG320*	CXLH1***	40MG32B*
CXLB6***	40CP32B*	CXLD6***	40FP32B*	CXLF6***	40JG32B*	CXLH4***	40MG32E*
CXLBS***	40CP32W*	CXLDS***	40FP32W*	CXLFS***	40JG32W*	CXLJ0***	40NG32A*
CXLBX***	40CP32F*	CXLDX***	40FP32F*	CXLFX***	40JG32F*	CXLJ2***	40NG320*
CXLC0***	40DP32A*	CXLE0***	40HP32A*	CXLG0***	40LG32A*	CXLJ1***	40NG32B*
CXLC2***	40DP320*	CXLE2***	40HP320*	CXLG2***	40LG320*	CXLJ4***	40NG32E*
CXLC6***	40DP32B*	CXLE6***	40HP32B*	CXLG6***	40LG32B*	CXLK0***	40PG32A*
CXLCS***	40DP32W*	CXLES***	40HP32W*	CXLGS***	40LG32W*	CXLK1***	40PG32B*
CXLCX***	40DP32F*	CXLEX***	40HP32F*	CXLH0***	40MG32A*	—	—

3 Phase Reversing Magnetic Contactor

US Series Catalog No	Furnas Brand Catalog No	US Series Catalog No	Furnas Brand Catalog No	US Series Catalog No	Furnas Brand Catalog No	US Series Catalog No	Furnas Brand Catalog No
CRLB0***	43CP32A*	CRLD0***	43FP32A*	CRLF0***	43JG32A*	CRLH2***	43MG320*
CRLB2***	43CP320*	CRLD2***	43FP320*	CRLF2***	43JG320*	CRLH1***	43MG32B*
CRLB1***	43CP32B*	CRLD1***	40FP32B*	CRLF1***	43JG32B*	CRLH4***	43MG32E*
CRLBS***	43CP32W*	CRLDS***	43FP32W*	CRLFS***	40JG32W*	CRLJ0***	43NG32A*
CRLBX***	43CP32F*	CRLDX***	43FP32F*	CRLFX***	40JG32F*	CRLJ2***	43NG320*
CRLC0***	43DP32A*	CRLE0***	43HP32A*	CRLG0***	43LG32A*	CRLJ1***	43NG32B*
CRLC2***	43DP320*	CRLE2***	43HP320*	CRLG2***	43LG320*	CRLJ4***	43NG32E*
CRLC1***	43DP32B*	CRLE1***	43HP32B*	CRLG1***	43LG32B*	CRLK0***	43PG32A*
CRLCS***	43DP32W*	CRLES***	43HP32W*	CRLGS***	43LG32W*	CRLK1***	43PG32B*
CRLCX***	43DP32F*	CRLEX***	43HP32F*	CRLH0***	43MG32A*	—	—

2
NEMA and HP
Rated Control

North American Approvals

INSTALLATION CONSIDERATIONS

The control products described in this catalog have been designed, tested and manufactured in accordance with a wide variety of standards including but not limited to those issued by UL, CSA, NEMA and IEC. These standards typically apply to the control product as a component and not the installation or use of the product. It is the responsibility of the end user of the control product to make sure each installation complies with all of the applicable safety requirements, laws, regulations, codes and standards (some examples of which are the N.E.C., the C.E.C.

and OSHA regulations). Note that local authorities may impose further jurisdiction over each installation. When in doubt, consult with the local inspection authorities.

Unless otherwise specified, the control products described in this catalog are designed to operate under "usual service conditions" as defined in NEMA Standards Publication—Part ICS 1-108. Open type devices are intended for installation in enclosures that provide environmental protection as needed for the specific application. See pages 14 and 15 for definitions of the various enclosure types.

PERFORMANCE DATA

Where given in this catalog, performance data should only be used as a guide to determine the suitability of the product for an application. The data may be the result of accelerated testing or elevated stress levels under controlled conditions. The user must take care in correlating this data to actual application or service conditions.

UL and CSA—File Numbers and Guide Card Numbers

Most control equipment listed in this catalog is designed, manufactured and tested in accordance with the relevant UL and CSA standards as listed in the table below.

Siemens Brand Devices Description	☞ Guide No	File No	Ⓛ Guide No	File No	Ⓡ Guide No	File No
Control Relays 3TH2 3TH3 3TH8	Class 3211	LR 12730 LR 50487	NKCR	E 44653	NKCR2	E 44653
AC contactors, DC contactors	Class 3211	LR 12730	NLDX	E 31519	NLDX2	E 31519
Reversing Starters	Class 3211	LR 38590	NLDX	E 32529	—	—
Overload relays	Class 3211	LR 12730	NKCR	E 44653	NKCR2	E 44653
Terminal blocks	Class 3211	LR 50181	—	—	XCFR2	E 80027
Manual Motor Controller 3VU	Class 3211	LR 50487	NLVR	E 47705	—	—
Starters, Combination Starters	Class 3211	LR 38590	NLDX	E 32529	—	—
Push buttons	Class 3211	LR 12730	NCXR	E 44653, E 47512	—	—
Lighting and Heating Contactors	Class 3231	LR 38590	NRNT	E 60310	—	—
Mechanical Limit Switches International Style North American Style	Class 3211 Class 3211	LR 50487 LR 68551	NKCR NKCR	E 44653 E 47512	NKCR2 —	E 44653 —
Fast Bus Components/Kits	—	—	NMTR	E 155959	NMTR2	E 160776
Modular Motor Controllers Type E	—	—	NKJH	E 156943	—	—
Modular Motor Controllers—Group Installation	Class 3211	LR 50487	NLRV	E 47705	—	—
US Series Starter	Class 3211	LR 38590	NLDX	E 32529	—	—
Fraction Hp Starters, SMF, MMS	—	—	—	—	NLRV2	E 80332
Sirius 3RT Contactors	Class 3211	LR 12730	NLDX	E 31519	NLDX2	—
Sirius 3RV MSP—Group Installation Type E	Class 3211 —	LR 12730 —	NLRV NKJH	E 47705 E 156943	— —	— —
Sirius 3RU Overload	Class 3211	LR 12730	NKCR	E 44653	NKCR2	E 44653
Sirius 3RH Relays	Class 3211	LR 12730, LR50487	NKCR	E 44653	NKCR2	E 44653
Sirius 3RP Timers	Class 3211	LR 12730	NKCR	E 44653	—	—
Miniature Circuit Breakers—5SX	Class 3211	LR 93659	—	—	NKCR2	E 116386
Manual Motor Controllers—3LD	Class 3211	LR 19188	NLRV	E 47705	—	—
Sirius 3RA Combination Starters	—	—	NKJH	E 156943	—	—
Sirius 3RA Reversing Contactors	Class 3211	LR 38590	NLDX	E 31519	—	—
Sirius 3RA Fastbus Combo Starters	—	—	NKJH	E 156943	—	—
Sirius 3RB Solid State Overloads	Class 3211	LR 6535	NKCR	E 22655	—	—

Furnas Brand Devices Class	☞ Guide No	File No	Ⓛ Guide No	File No	Ⓡ Guide No	File No
11, 12—Manual Switches	Class 3211	LR 6535	NLRV	E 10590	NLRV2	E 10590
14, 22, 30, 40, 43—Starters and Contactors	Class 3211	LR 6535	NLDX	E 14900	NLDX2	E 14900
17, 18, 25, 26, 32—Combination Starters	Class 3211	LR 6535	NKJH	E 185287	—	—
36, 37—Reduced Voltage Starters	Class 3211	LR 6535	NLDX	E 14900	NLDX2	E 14900
83, 84, 85, 87, 88—Pump Control Panels	Class 3211	LR 6535	NKJH	E 185287	—	—
50—Standard Duty Pilot Devices	Class 3211	LR 6535	NKCR	E 22655	—	—
51—Hazardous Location Pilot Devices	Class 3218	LR 23889	NOIV	E 39935	—	—
52—30 mm Pilot Devices	Class 3211	LR 6535	NKCR	E 22655	NKCR2	E 22655
16, 41, 42, 45—Definite Purpose Controls	Class 3211	LR 6535	—	—	NLDX2	E 14900
46, 47—Relays	Class 3211	LR 6535	NKCR	E 22655	NKCR2	E 22655
48, 948, 958—Overload Relays	Class 3211	LR 6535	NKCR	E 22655	NKCR2	E 22655
49—Field Kits	Class 3211	ELR 535	NLDX	E 14900	NLDX2	E 14900
Class 56—Fast Switch	Class 3211	LR 6535	NLRV	E 10590	—	—
Class 53—Master Switch	Class 3211	LR 6535	NKCR	E 22655	—	—
Class 69—Pressure Switch	Class 3211	LR 6535	NKPZ	E 14861	NKPZ2	E 14861

Application Data