



Enclosed Forms

To Come from ScanTec

NEMA Type 1

NEMA Type 1 Enclosures are the least expensive enclosure and most popular choice for indoor installation in a clean, dry environment. They provide mechanical protection from unintentional contact with live and moving parts inside the enclosure. They are **not** recommended for outdoor

installations; they provide little or no protection from dripping water or fluids and are not oil-tight.

To Come from ScanTec

NEMA Type 4 Water Tight

NEMA Type 4 enclosures provide maximum protection. They are designed for outdoor locations where they may be subjected to windblown rain, sleet, dust. They are also widely used in indoor hosedown applications commonly found in the food and beverage industries. These enclosures resist rust

and corrosion caused by a wide range of non-corrosive liquids.

To Come from ScanTec

NEMA Type 12/3R

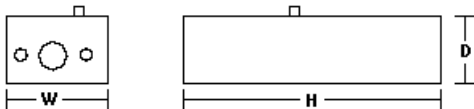
Oil-, Dust-, and Rain-Tight

These enclosures are configured as Nema 12 devices when shipped from the factory and can be quickly converted to NEMA 3R by opening a weep hole and adding hubs as appropriate.

NEMA Type 12 enclosures are the second most popular enclosures and offer substantial protection for their cost. They are usually installed indoors, in typical “dirty” industrial environments where contamination by oil, dirt, dripping water, airborne dust and non-corrosive liquids is likely. These enclosures meet drip-, dust- and rust-resistance tests.

NEMA Type 3R enclosures are intended for protected outdoor installations. They are rust-resistant and protect against falling (but not wind-blown) rain or sleet and against external icing, although cover mounted controls may be inoperable while the enclosure is ice covered. They are not designed to be dust-tight. The best outdoor installations offer protection — through building walls or shelters — from the wind.

Dimension Legend



To order factory assembled enclosed contactors or starters, see (C-2000™ Contactors & Starters Purchasing Guide, DEP-070)

Enclosures For CL Contactors - Dimensions and Outlines

Note: Enclosures are designed for use with AC contactors without front-mounted accessories. Order CL25, CL45 and CL05-CL10 contactors with side-mounted auxiliary contacts for use in these enclosures.

Type	Catalog No.	For use with	Dimensions (in inches)			Outline
			H	W	D	
1	CLXE1A	CL00-45 Starter (without CPT)	10	6	4.6	55-215878
	CLXE1B	CL05-08 Starter (without CPT)	13.3	7.4	6.1	55-215895
	CLXE1C	CL09-10 Starter (without CPT)	20.3	8.8	7.3	55-215880
	CLXE1D	CL00-45 Starter (with CPT)	10	10	4.6	55-215879
	CLXE1E	CL05-08 Starter (with CPT)	13.3	12	6.1	55-215896
	CLXE1F	CL09-10 Starter (with CPT)	25	8.8	7.3	55-215898
	CLXE1G	CL00-45 Reverser (with CPT)	16.8	15	6.9	55-215894
	CLXE1G	CL00-45 Wye-Delta (without CPT)	16.8	15	6.9	55-215894
	CLXE1H	CL05-10 Reverser (with CPT)	20.3	16.8	6.6	55-215897
	CLXE1L	CL05-10 Wye-Delta (without CPT)	27	22	8.6	55-215893



Enclosure Accessories

Pilot Devices For NEMA Type 1 CL Contactor and Starter Enclosures with Lift-Off Cover

Enclosure Catalog No.	Push Buttons		Selector Switch		
	Start/Stop Push Button	Start Stop with Red Light	HOA Switch	On/Off Switch	Red Light*
CLXE1A, CLXE1D	CLXP1B	CLXP1C ❶	CLXP1D	CLXP1E	CLXP1F
CLXE1B, CLXE1E	CLXP2B	CLXP2C ❶	CLXP2D	CLXP2E	CLXP2F
CLXE1C, CLXE1F	CLXP3B	CLXP3C ❶	CLXP3D	CLXP3E	CLXP3F

❶ Code	Voltage
1	115 Volts
2	230 Volts
4	460 Volts
5	575 Volts

* 120 Volts only

Recommended Pilot Devices For All Hinged Enclosures

Function	Operator	Contact Block	Power Supply	Nameplate	Nameplate Adapter
Start Button	P9SPNVG	P9B10VN	N/A	P9ACPBS202	P9ASTBS
Stop Button	P9SPNRG	P9B01VN	N/A	P9ACPBS201	P9ASTBS
Forward Button	P9SPNVG	P9B11VN	N/A	P9ACPBS214	P9ASTBS
Reverse Button	P9SPNVG	P9B11VN	N/A	P9ACPBS215	P9ASTBS
HOA Selector	P9SSMZ0N	P9B10VN	N/A	P9ACPBS261	P9ASTBS
On/Off Selector	P9SSMD0N	P9B10VN	N/A	P9ACPBS233	P9ASTBS
Forward/Reverse Selector	P9SSMD0N	P9B11VN	N/A	P9ACPBS231	P9ASTBS
Forward/Off/Reverse Selector	P9SSMZ0N	(2) P9B10VN	N/A	P9ACPBS239	P9ASTBS
Red "On" Light	P9SLRD	N/A	P9PDNVL	P9ACPBS212	P9ASTBS
Red "Forward" Light	P9SLRD	N/A	P9PDNVL	P9ACPBS214	P9ASTBS
White "Reverse" Light	P9SLBD	N/A	P9PDNVL	P9ACPBS215	P9ASTBS
Green "Off" Light	P9SLVD	N/A	P9PDNVL	P9ACPBS213	P9ASTBS
Yellow "Start" Light	P9SLGD	N/A	P9PDNVL	P9ACPBS202	P9ASTBS

Including CLXE1G, CLXE1H, CLXE1L, all CK NEMA 1 Enclosures, all NEMA 12/3R Enclosures and all NEMA 4 Enclosures. See GEP-1260 for additional options and selection.

❶ 120V Full Voltages Power Supply. For other voltages, refer to GEP-1260.

Overload Reset Buttons

For Use With	Catalog No.
CL00-45 Starters with and without CPT, Type 1 (CLXE1A, 1D)	CLXR11
CL05-10 Starters, CL00-10 Reverser and Wye-Delta Type 1 (CLXE1B-1C, CLXE1E-1L)	CLXR12
CL00-10 Starters, Reverser and Wye-Delta Type 12/3R and 4 (CLXE2A-2H, CLXE4A-4H)	CLXR21
CK75-12 Starters, Reverser and Wye-Delta Type 1	CKXR11
CK75-12 Starter, Reverser and Wye-Delta Type 12/3R and 4	CKXR12

Control Power Transformer

To complete catalog number, replace ❶ with the appropriate digit from the table on the right.

Description	Catalog No.
Standard capacity (50 VA)	CR308XT1 ❶A
Extra capacity (150 VA)	CR308XT1 ❶B

Digit	Voltage	Frequency
04	Dual Primary, reconnectable 220/230/240 Volt Primary, 440/460/480 Volt Primary, 110/115/120 Volt Secondary	60 Hz
05	550/575/600 Volt Primary, 110/115/120 Volt Secondary	60 Hz
23	200/208 Volt Primary, 115/120 Volt Secondary	60 Hz