

HSZ Series Industrial Control Transformers

The HSZ series of industrial control transformers are designed for applications requiring special mounting and are available in ratings from 1 through 10 KVA.

Features

- UL Class 180°C insulation system, 80°C temperature rise under full load
- Meets or exceeds NEMA regulation standards
- Copper magnet wire windings
- Encapsulated

Available styles:

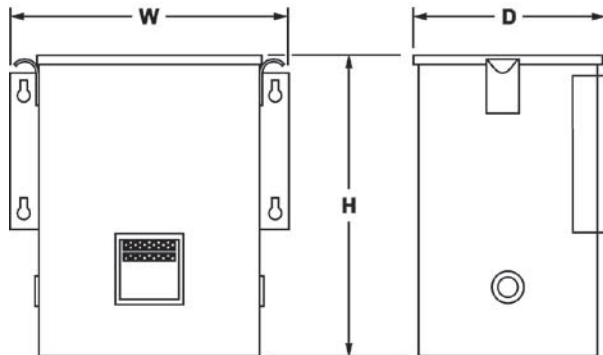
- NEMA 3R (rain proof)
- NEMA 4 (dust proof)
- NEMA 4X (corrosion proof)
- NEMA 12 (wash down & dust proof)



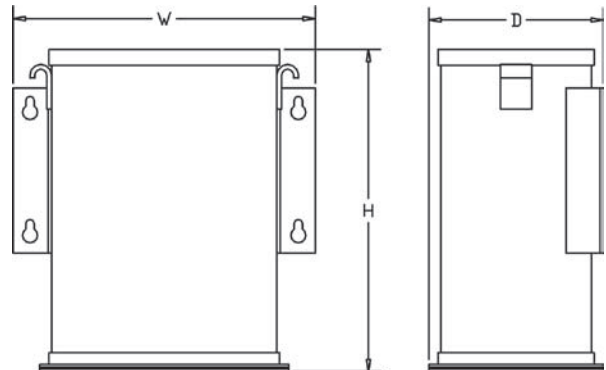
Related Products

- Linear Power Supplies
- DIN Rail DC Power Supplies
- Constant Voltage Transformers
- Line Reactors

HSZ Design Style 1 - NEMA 3R



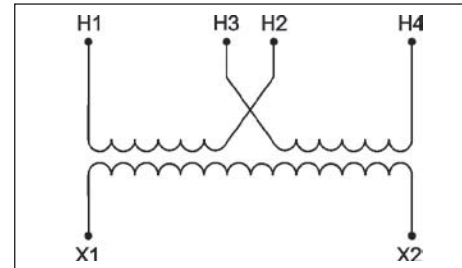
HSZ Design Style 2 - NEMA 12, NEMA 4, NEMA 4X



HSZ Series Selection Tables and Electrical Connections

Group 1 – 240/480, 230/460, 220/440 Volt Primary, 120/115/110 Volt Secondary, 50/60 Hz.

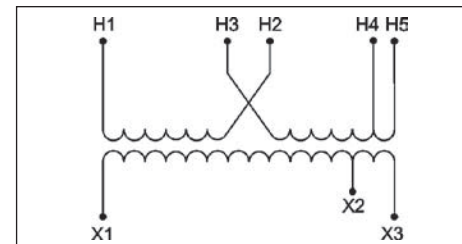
KVA	Catalog Number NEMA-3R	Catalog Number NEMA-4/12	Catalog Number NEMA-4X	Height (inch)	Width (inch)	Depth (inch)	Approx. Ship Weight (lbs)
1	HZ1000	HZ1210000	HZ10004X	12	10	7	43
1.5	HZ1500	HZ1215000	HZ15004X	12	10	7	55
2	HZ2000	HZ1220000	HZ20004X	12	10	7	68
3	HZ3000	HZ1230000	HZ30004X	17	14	9	108
5	HZ5000	HZ1250000	HZ50004X	17	14	9	138
7.5	HZ7500	HZ1275000	HZ75004X	17	14	9	173
10	HZ10000	HZ12100000	HZ100004X	17	17	12	210



Primary Voltage	Interconnect	Connect Lines to
480	H2-H3	H1 & H4
240	H1-H3, H2-H4	H1 & H4
Secondary Voltage	Interconnect	Connect Lines to
120		X1 & X2

Group 2 – 230/460/575 Volt Primary, 115/95 Volt Secondary, 50/60 Hz.

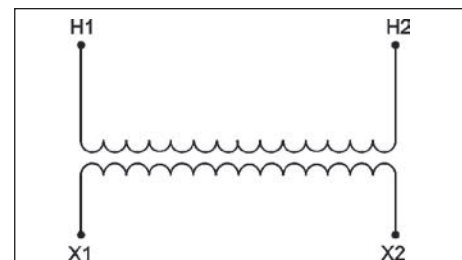
KVA	Catalog Number NEMA-3R	Catalog Number NEMA-4/12	Catalog Number NEMA-4X	Height (inch)	Width (inch)	Depth (inch)	Approx. Ship Weight (lbs)
1	HZ1000A	HZ121000A	HZ1000A4X	12	10	7	43
1.5	HZ1500A	HZ121500A	HZ1500A4X	12	10	7	55
2	HZ2000A	HZ122000A	HZ2000A4X	12	10	7	68
3	HZ3000A	HZ123000A	HZ3000A4X	17	14	9	108
5	HZ5000A	HZ125000A	HZ5000A4X	17	14	9	138
7.5	HZ7500A	HZ127500A	HZ7500A4X	17	14	9	173
10	HZ10000A	HZ1210000A	HZ10000A4X	17	17	12	210



Primary Voltage	Interconnect	Connect Lines to
230	H1-H3, H2-H4	H1 & H4
460	H2-H3	H1 & H4
575	H2-H3	H1 & H5
Secondary Voltage	Interconnect	Connect Lines to
115		X1 & X3
95		X1 & X2

Group 3 – 480 Volt Primary, 240 Volt Secondary, 50/60 Hz.

KVA	Catalog Number NEMA-3R	Catalog Number NEMA-4/12	Catalog Number NEMA-4X	Height (inch)	Width (inch)	Depth (inch)	Approx. Ship Weight (lbs)
1	HZ1000R	HZ121000R	HZ1000R4X	12	10	7	43
1.5	HZ1500R	HZ121500R	HZ1500R4X	12	10	7	55
2	HZ2000R	HZ122000R	HZ2000R4X	12	10	7	68
3	HZ3000R	HZ123000R	HZ3000R4X	17	14	9	108
5	HZ5000R	HZ125000R	HZ5000R4X	17	14	9	138
7.5	HZ7500R	HZ127500R	HZ7500R4X	17	14	9	173
10	HZ10000R	HZ1210000R	HZ10000R4X	17	17	12	210



Primary Voltage	Interconnect	Connect Lines to
480		H1 & H2
Secondary Voltage	Interconnect	Connect Lines to
240		X1 & X2

Note: Contact Technical Services for lead times on enclosures.