

C57.12.38 - IEEE Standard for Padmounted Type, Self-Cooled Single-Phase Distribution Transformers Survey Results

Survey Questions	Company A	Company B	Company C	Company D	Company E*	Company F
1. Do your customers reference the IEEE C57.12.38 standard in your purchase specification?	Yes (>50%)	Yes (80%)	Yes (100%)	Yes (50%)**	Yes (80%)	Yes*** (Not Tracked)
2. Do your customers specify a primary side load break switch?	Yes (3%)	Yes (10%)	Yes (20%)	Yes (25%)	Yes (4%)	Yes (2%)
If yes, do you specify a 2 or 4 position switch?	Majority 2 position	Both 50%-2 position 50%-4 position	Both 62.5%-2 position 25%-(two) 2 position 12.5%-4 position	Both 75%-2 position 25%-4 position	Majority 2 position	Both 75%-2 position 25%-4 position
3. Do your customers specify tap changers on the primary side?	Yes (10%)	Yes (30%)	Yes (90%)	Yes (25%)	Yes (5%)	Yes (11%)
4. Do your customers specify an oil sight gauge?	Yes (20%)	Yes (2.5%)	Yes (7.5%)	Yes (<5%)	Yes (7%)	Yes (1%)
5. Do your customers specify a dial type thermometer/temperature gauge?	No	Yes (2.5%)	Yes (5%)	Yes (<5%)	Yes (<1%)	Yes (0.25%)
6. What size oil fill-in and drain plugs do your customers specify?	Yes	Yes	Yes	Yes	Yes	Yes
	Majority 1/2" plug	1/2" plug	1" plug	1/2" plug	1/2" plug	Majority 1/2" plug
7. Do your customers specify a pressure relief valve (PRV)?	Yes (95%+)	Yes (100%)	Yes (100%)	Yes (100%)	Yes (100%)	Yes (100%)
8. Do your customers specify fusing requirements?	Yes (100%)	Yes (100%)	Yes (100%)	Yes (100%)	Yes (95%)	Yes (96%)
If yes, what type of fuses do you specify (e.g.: Weak-link/Canister/drywell, BON)?	BON w/iso link-70% BON w/CLF-30%	BON w/iso link-40% BON w/CLF-58% Fuse on HVB 1% Canister/Drywell 1%	BON w/CLF-92.5% Weak Link-7.5%	BON w/iso link-50% BON w/CLF-50%	BON w/iso link-54% BON w/CLF-43% Weaklink and/or Canister/Drywell 3%	BON w/iso link-72% BON w/CLF-23% Weaklink <4% Canister/Drywell <0.1%
9. Do your customers specify in-oil current limiting fuses?	Yes (30%)	Yes (58%)	Yes (92.5%)	Yes (50%)	Yes (43%)	Yes (23%)

What other additional electrical and/or mechanical requirements customers specify that are not included above?

A. Fault Indicator provisions, B. Ground Connectors, C. HV Breaker, D. LV Breaker, E. Under Oil Arresters with Disconnect Switch, F. Dual Voltage Switch, G. HV Busing Inserts, H. Fill and Drain/Sampling Valves, I. LV Surge Arrester, J. LV Bushings Screws on Spades & Terminal Blocks, K. Welded BON Drip Tray, L. Extra Parking Stands, M. Fault Indicator

Notes:

*Percentage is by units produced and not by the number of customers

**Some customers are still referencing C57.12.25

***Manufacturer builds units in accordance with C57.12.38 unless specified by the customer.