

Waukesha® UZD™

THE Service-Proven Load Tap Changer Gets a New Look!

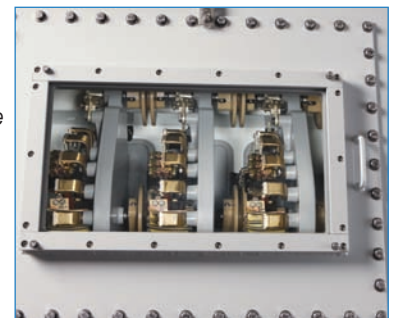


New UZD quotations from Waukesha will include a blank steel door—
with no viewports—as STANDARD (pictured above).

Nearly 10 years ago, Waukesha made oil filtration and viewports standard features of the Waukesha® UZD LTC to help reduce maintenance by keeping the oil clean and offering a clear, easy way of viewing many of the LTC contacts without de-energizing the transformer (if owner's safety rules permitted). Times have changed, and better preventative maintenance methods have surfaced that make viewing ports redundant.

Most medium and large power transformer owners routinely perform Dissolved Gas Analysis (DGA) on their main transformer tanks. In recent years, there has been a significant movement in our industry to also perform DGA on LTC oil because it has proven to be a reliable indicator of incipient faults and a valuable predictive maintenance tool. Transformer owners currently performing DGA on their LTCs report finding problems—and often fixing them—BEFORE they become failures, thus staving off unplanned customer outages and saving significant amounts of money. This analysis can also reduce time-based maintenance risks and costs.

*Doors with large viewport
will be available, however,
this option now needs to be
SPECIFIED.*



NEW LOOK

If an LTC DGA indicates a problem, the results should be verified by a second test; if the second test confirms the results, the oil should be removed and the LTC opened so the problem can be located and remedied. When an LTC DGA reveals normal operation, there is no reason to inspect the internal components through viewing ports or any other means. Therefore, the Waukesha® UZD load tap changer standard has changed to include a blank steel door (without viewing ports). Doors with a large single viewing port (shown above) can still be specified and ordered for those customers requiring this option.

Waukesha Transformers' more than 5,500 installed UZD Load Tap Changers boast an excellent field performance record. Design improvements introduced in 1997 improved the already low failure rate from 0.16% down to less than 0.05%. When compared to the cost of downtime, out-of-service operation and costly repairs, Waukesha's UZD LTC System is a cost-effective way to keep your transformer operating as smoothly as the day it was installed!

WAUKESHA® UZD™ LOAD TAP CHANGER:

System Designed for High Reliability and Low Total Operating Costs



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