

Technical Bulletin

TB20231201
2023/12/26

Subject: Notice of terminating Copper Bridges(Jumpers) on VFD Compressors.

Since the issue of TB20230701, for compressors with VFD, the copper bridges are considered as compressor accessories. With our new policy, starting from January 1st, 2024. HANBELL will cancel the copper bridges as standard accessories.

In the following contents, we will provide alternative method to connect the VFD via SIX electric wires instead of THREE electric wires.

Hanbell VFD Compressor Series:

RC2-AV & BV, RE-AV & BV, RE-AVI & BVI, RE-AMI & BMI.

The Change Schedule:

1. Valid from January 1st 2024, HANBELL will cease to provide copper bridge.
2. It is based on dispatch dates of compressor from Hanbell factory.

Method of Connecting:

1. SIX electric wires need to be fixed on SIX terminal bolts with correct torque value correctly.
2. Combine the TWO wires as following then connecting to VFD.

*U & Z wired together.

*V & X wired together.

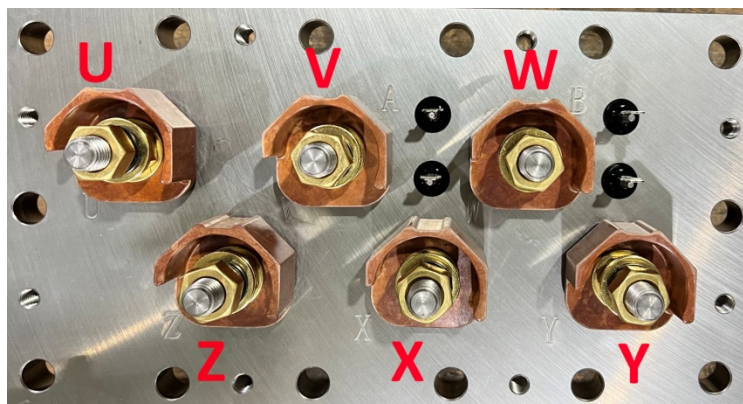
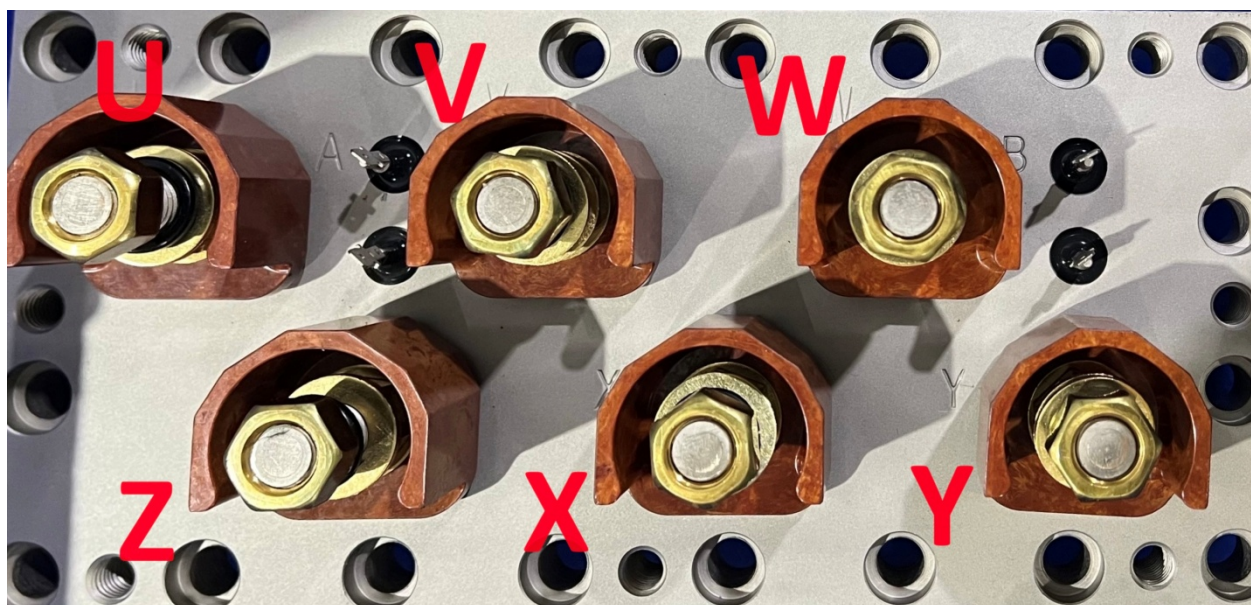
*Y & W wired together.

RC2-100~180



RC2-200A/B~830A / RE-230~300



RC2-710B~930A/B**RE-340~920****RC2-1020~1530 / RE-1050~2100****Torque Values of Terminal Bolts:**

Torque Value for power bolts	
Bolt size	Torque value (kgf.cm)
M8	200
M12	350
M16	500