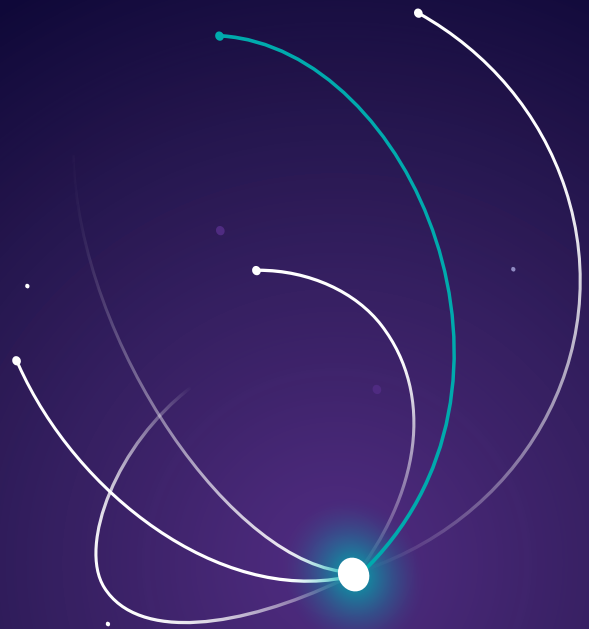


# JFR™ single-phase voltage regulator

[siemens-energy.com](https://www.siemens-energy.com)



- Electrostatically-applied polyester paint gives greater resistance to corrosion in harsh environments
- Type 316 stainless steel external hardware is standard on all JFR models to eliminate rust and galling
- Sealed tank has pressure relief device to vent gases produced during tap changes
- With the 65° C insulation system, Siemens Energy 55° C rise regulators can be loaded up to 12 percent above nameplate rating
- External metal oxide varistor (MOV) bypass arrester gives superior protection to the regulator series winding from surge and system transients
- Oil sight gauge allows oil levels and oil conditions to be checked without de-energizing the regulator
- Motor capacitor installed in the control cabinet allows replacement without bypassing and taking the regulator out of service
- Polarized disconnect switch (PDS) facilitates easy control installation or change out without taking the regulator out of service
- Cover-mounted terminal block provides easier access to wiring by eliminating the need to go under oil to change tap connections
- Monitor and automatically control output voltage through the use of the Siemens Energy control panel
- High-creep bushings provide a minimum creep distance of 17 inches
- Oil drain valve that includes an oil sampling valve for easy access
- Platform base is equipped with provisions to securely attach regulator to sub-base assembly.

# Siemens Energy JFR single-phase distribution voltage regulators

## Technical information:

Catalog number (includes kVA)	Application	Line amps	BIL (kV)
10-02.5-100.0		400	60
10-02.5-167.0		668	60
10-02.5-250.0	Rated: 2,500V/4,330 V Grd. Y For: 2,500-2,400 volt circuits	1,000	60
10-02.5-333.0		1,332	60
11-02.5-416.3		1,665	60
10-07.6-076.2		100	95
10-07.6-114.3		150	95
10-07.6-167.0		219	95
10-07.6-250.0		328	95
10-07.6-333.0	Rated: 5,000 V/7,620 V/13,200 V Grd. Y For: 5,000-8,000-7,620-7,200-6,930 volt circuits	438	95
10-07.6-416.3		548	95
10-07.6-500.0		656	95
10-07.6-509.0*		668	95
10-07.6-667.0		875	95
10-07.6-833.0		1093	95
11-07.6-889.0		1167	95
11-07.6-1110.0		1457	95
10-14.4-072.0		50	150
10-14.4-144.0		100	150
10-14.4-288.0		200	150
10-14.4-333.0	Rated: 14,400 V/24,940 V Grd. Y For: 14,400 or 7,200 volt circuits	231	150
10-14.4-432.0		300	150
10-14.4-576.0		400	150
11-14.4-720.0		500	150
10-14.4-833.0*		578	150
10-19.9-100.0		50	150
10-19.9-200.0		100	150
10-19.9-333.0	Rated: 19,920 V/34,500 V Grd. Y For: 19,900 volt circuits	167	150
10-19.9-400.0		200	150
10-19.9-667.0		335	150
11-19.9-833.0		418	150

\*875 amp tap changer available

Notes:

Units with catalog number starting with:

10 = self-cooled

11 = forced-air cooled

### Published by

Siemens Energy, Inc.  
444 Hwy 49 South  
Richland, MS 39218  
USA

For more information, please contact:  
Phone: 1-888-703-1175  
Email: [JMT.energy@siemens-energy.com](mailto:JMT.energy@siemens-energy.com)  
or contact us:  
[support.energy@siemens-energy.com](mailto:support.energy@siemens-energy.com)

© Siemens Energy, 2021

Siemens Energy is a trademark licensed by Siemens AG.

Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract. All product designations may be trademarks or product names of Siemens Energy Global GmbH & Co. KG or other companies whose use by third parties for their own purposes could violate the rights of the owners.