



## IHVA 150/200 HIGH-VOLTAGE DC CONTACTOR SERIES

TE Connectivity (TE) introduces the IHVA high-voltage DC contactor series which is designed for control in new energy applications. The IHVA product line is an innovative, cost-effective, and reliable solution for EV charging stations, automated-guided vehicles (AGV), e-Forklifts, solar inverters, and energy storage systems. The IHVA series is a non-gas filled contactor making it safe and reliable with less worry about the environment. These contactors are non-polarized and offer an optional auxiliary contact that can be used to monitor the power/main contact.

### BENEFITS

- No polarity for ease of connecting in applications
- Safer and more reliable, with no worry about gas leakage
- High insulation distance, high dielectric strength
- Optional auxiliary contact to easily monitor the power/main contact
- 600A inrush current capability protects the circuit in abnormal situation

## IHVA 150/200 High-Voltage DC Contactor Series

### APPLICATIONS

- DC charging
- Auto-guided vehicle
- e-Forklift
- Energy storage system

### MECHANICAL

- Bottom mounted by flanged cover
- Main contact terminals connection is threaded
- Auxiliary contact terminal / coil terminal is a FASTON terminal which be can be connected with a connector

### STANDARD

- UL 60947

### MATERIALS

- Ag alloy

### ELECTRICAL

- 150A/200A, 110VDC, 6,000 cycles
- 150A/200A, 1500VDC, carry only
- 150A/200A, 450VDC, 100 cycles
- 150A/200A, 750VDC, 30 cycles
- 5A, 1500VDC, 500 cycles
- 20A, 1000VDC, 100 cycles
- 600A, make only, 3,000 cycles
- 2000A, 400VDC, break only, 2 cycles



### PART NUMBER LIST - IHVA 150

Product code	Arrangement	Mounting position	Main contact material	Coil	Part number
IHVA150-A3D12V-BF	Normally open	Bottom	Ag alloy	12VDC	<a href="#">2071547-1</a>
IHVA150-A3D24V-BF				24VDC	<a href="#">2071547-2</a>
IHVA150-A3D48V-BF				48VDC	<a href="#">2071547-3</a>
IHVA150-H3D12V-BF	Normally open + NO aux contacts			12VDC	<a href="#">1-2071547-1</a>
IHVA150-H3D24V-BF				24VDC	<a href="#">1-2071547-2</a>
IHVA150-H3D48V-BF				48VDC	<a href="#">1-2071547-3</a>

## IHVA 150/200 High-Voltage DC Contactor Series

### PART NUMBER LIST - IHVA 200

Product code	Arrangement	Mounting position	Main contact material	Coil	Part number
IHVA200-A3D12V-BF	Normally open	Bottom	Ag alloy	12VDC	<a href="#">2071499-1</a>
IHVA200-A3D24V-BF				24VDC	<a href="#">2071499-2</a>
IHVA200-A3D48V-BF				48VDC	<a href="#">2071499-3</a>
IHVA200-H3D12V-BF	Normally open + NO aux contacts			12VDC	<a href="#">1-2071499-1</a>
IHVA200-H3D24V-BF				24VDC	<a href="#">1-2071499-2</a>
IHVA200-H3D48V-BF				48VDC	<a href="#">1-2071499-3</a>

### te.com

© 2021 TE Connectivity. All Rights Reserved.

FASTON, TE Connectivity, TE connectivity (logo) and Every Connection Counts are trademarks owned or licensed by TE Connectivity. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

03/21 AK