

voltage regulator for direct-current generators



Features

- electronical voltage regulator for DC-generators
- precise voltage regulation
- reliable current limitation
- charge current even at low voltage
- dust-protected and waterproof according to IP69K
- reverse current almost Null
- full electromagnetic compatibility (EMC)
- usage of environmentally friendly materials (according DfE)

Customer benefits

- wear-resistant technology in historical housing
- overvoltage protection (for electrical systems)
- overloading protection (for generator)
- overcharging protection (for battery)
- solid starting response, even for short trip use
- universally usable (replaces over 60 predecessors)
- consideration of environmental aspects at production

F 026 T02 2..



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Delayed delivery

On its way to series production our DC Current Regulator has passed another important milestone. After passing the endurance run and cycling tests (simulated 10 years) it has passed the accelerated aging test (simulated 15 years). The pictures show the regulator before, during and after the test. Even after 15 years housing and surface are in perfect condition.



new



in test: 15 years corossion



after the test

Next step: testing the electromagnetic compatibility. If everything's alright then we will start the series production in September.



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voltage regulator F 026 T02 200 14V / 11A



replaces

installation information

0 190 213 004	TA 14V 11A	compatible in function, but mounting adaption necessary
0 190 213 005	TA 14V 11A	compatible in function, but mounting adaption necessary
0 190 213 016	TA 14V 11A	compatible in function, but mounting adaption necessary
0 190 215 027	TA 14V 11A	compatible in function and mounting
0 190 215 028	TA 14V 11A	compatible in function and mounting
0 190 215 029	TA 14V 11A	compatible in function and mounting
0 190 215 037	TA 14V 11A	compatible in function and mounting
0 190 309 032	UAA 14V 11A	compatible in function, but mounting adaption necessary
0 190 350 045	VA 14V 11A	compatible in function and mounting
9 190 215 028		compatible in function and mounting



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voltage regulator F 026 T02 201 14V / 16A



replaces

0 190 213 009 TA 14V 16A
0 190 213 011 TA 14V 16A
0 190 213 014 TA 14V 16A
0 190 213 017 14V 16A

0 190 215 004 TBA 14V 16A
0 190 215 005 TBA 14V 16A
0 190 215 030 TA 14V 16A
0 190 215 031 TA 14V 16A
0 190 215 036 14V 16A

0 190 309 003 UAA 14V 16A
0 190 309 012 UAA 14V 16A
0 190 309 015 14V 16A

0 190 350 046 VA 14V 16A

installation information

compatible in function, but mounting adaption necessary
compatible in function, but mounting adaption necessary
compatible in function, but mounting adaption necessary
compatible in function, but mounting adaption necessary

compatible in function and mounting
compatible in function and mounting
compatible in function and mounting
compatible in function and mounting
compatible in function and mounting

compatible in function, but mounting adaption necessary
compatible in function, but mounting adaption necessary
compatible in function, but mounting adaption necessary

compatible in function and mounting



voltage regulator F 026 T02 202 14V / 20A



replaces

0 190 213 033 14V 20A

0 190 215 003 TA 14V 20A

0 190 215 019 TA 14V 20A

9 190 082 001 14V 20A

0 190 309 004 UAA 14V 20A

0 190 309 016 14V 20A

0 190 309 028 14V 20A

0 190 309 029 14V 20A

0 190 309 037 14V 20A

9 190 083 000 14V 20 A

installation information

compatible in function, but mounting adaption necessary

compatible in function and mounting

compatible in function and mounting

compatible in function and mounting

compatible in function, but mounting adaption necessary

compatible in function, but mounting adaption necessary

compatible in function, but mounting adaption necessary

compatible in function, but mounting adaption necessary

compatible in function, but mounting adaption necessary

compatible in function, but mounting adaption necessary



voltage regulator F 026 T02 203 14V / 25A



replaces

0 190 215 034 TA 14V 25A
0 190 300 094 14V 25A
0 190 309 018 UAA 14V 25A
0 190 309 024 14V 25A
0 190 350 014 14V 25A
0 190 350 047 14V 25A
0 190 350 049 VA 14V 25A
0 190 350 050 14V 25A
0 190 350 052
0 190 350 055 VA 14V 25A
9 190 083 001 14V 25A
9 190 083 002 14V 25A

installation information

compatible in function and mounting
compatible in function, but mounting adaption necessary
compatible in function, but mounting adaption necessary
compatible in function, but mounting adaption necessary
compatible in function and mounting
compatible in function and mounting
compatible in function and mounting
compatible in function and mounting
compatible in function and mounting
compatible in function and mounting
compatible in function and mounting
compatible in function and mounting



voltage regulator F 026 T02 204 14V / 30A



replaces

0 190 309 002 14V 30A
0 190 309 009 UAA 14V 30A
0 190 309 025 14V 30A
0 190 309 030 14V 30A
0 190 309 036 14V 30A
0 190 309 038 14V 30A

installation information

compatible in function, but mounting adaption necessary
compatible in function, but mounting adaption necessary
compatible in function, but mounting adaption necessary
compatible in function, but mounting adaption necessary
compatible in function, but mounting adaption necessary
compatible in function, but mounting adaption necessary

0 190 350 005 VA 14V 30A
0 190 350 038 VA 14V 30A
0 190 350 039 VA 14V 30A
0 190 350 054 VA 14V 30A
0 190 350 059 VA 14V 30A
0 190 350 068 VA 14V 30A
0 190 350 069 VA 14V 30A
0 190 350 079 VA 14V 30A

compatible in function and mounting
compatible in function and mounting
compatible in function and mounting
compatible in function and mounting
compatible in function and mounting
compatible in function and mounting
compatible in function and mounting
compatible in function and mounting



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voltage regulator F 026 T02 205 14V / 38A



replaces

0 190 309 005 UAA 14V 38A
0 190 309 007 14V 38A
0 190 309 010 14V 38A
0 190 309 020 14V 38A
0 190 309 040 14V 38A

installation information

compatible in function, but mounting adaption necessary
compatible in function, but mounting adaption necessary
compatible in function, but mounting adaption necessary
compatible in function, but mounting adaption necessary
compatible in function, but mounting adaption necessary

0 190 350 015 VA 14V 38A
0 190 350 034 14V 38A
0 190 350 040 14V 38A
0 190 350 041 14V 38A
0 190 350 063 VA 14V 38A

compatible in function and mounting
compatible in function and mounting
compatible in function and mounting
compatible in function and mounting
compatible in function and mounting



Overview of all Relevant Partumbers

- 0190213004 TA14V11A
- 0190213005 TA14V11A
- 0190213009 TA14V16A
- 0190213011 TA14V16A
- 0190213014 TA14V16A
- 0190213017 14V16A
- 0190213016 TA14V11A
- 0190213033 14V20A
- 0190215003 TA14V20A
- 0190215004 TBA14V16A
- 0190215005 TBA14V16A
- 0190215019 TA14V20A
- 0190215027 TA14V11A
- 0190215028 TA14V11A
- 0190215029 TA14V11A
- 0190215030 TA14V16A
- 0190215031 TA14V16A
- 0190215034 TA14V25A
- 0190215036 14V16A
- 0190215037 TA14V11A
- 0190300094 14V25A
- 0190309002 14V30A
- 0190309003 UAA14V16A
- 0190309004 UAA14V20A
- 0190309005 UAA14V38A
- 0190309007 14V38A
- 0190309009 UAA14V30A
- 0190309010 14V38A
- 0190309012 UAA14V16A
- 0190309015 14V16A
- 0190309016 14V20A
- 0190309018 UAA14V25A
- 0190309020 14V38A



- 0190309024 14V25A
- 0190309025 14V30A
- 0190309028 14V20A
- 0190309029 14V20A
- 0190309030 14V30A
- 0190309032 UAA14V11A
- 0190309036 14V30A
- 0190309037 14V20A
- 0190309038 14V30A
- 0190309040 14V38A
- 0190350005 VA14V30A
- 0190350014 14V25A
- 0190350015 VA14V38A
- 0190350034 14V38A
- 0190350040 14V38A
- 0190350041 14V38A
- 0190350045 VA14V11A
- 0190350046 VA14V16A
-
- 0190350047 14V25A
- 0190350049 VA14V25A
- 0190350050 14V25A
- 0190350052
- 0190350055 VA14V25A
- 0190350038 VA14V30A
- 0190350039 VA14V30A
- 0190350054 VA14V30A
- 0190350059 VA14V30A
- 0190350063 VA14V38A
- 0190350068 VA14V30A
- 0190350069 VA14V30A
- 0190350079 VA14V30A
- 9190082001 14V20A
- 9190083000 14V20A
- 9190083001 14V25A
- 9190083002 14V25A
- 9190215028

