

Residual current protection from Doepke

Type F:
mixed
frequency
sensitive

Type of residual current	A	F	B+	B
For sinusoidal AC residual currents = AC sensitive	■	■	■	■
For pulsating DC residual currents = pulsating current sensitive and AC sensitive	■	■	■	■
For residual currents with mixed frequencies = mixed frequency sensitive		■	■	■
For smooth DC residual currents = AC/DC sensitive			■	■
Short-time delayed = less faulty tripping, e.g. in response to inrush currents or surge currents during thunderstorms		■	■	■
Residual current detection up to 20 kHz			■	■
Residual current detection up to 150 kHz				■

DFS Type A — Standard protection for circuits with a frequency of 50 Hz. Suitable for scenarios where there is no risk of residual currents with a mixed frequency component, or of smooth DC residual currents (> 6 mA).

DFS Type F — Single-phase frequency converters generate mixed frequencies and are found in many everyday appliances in homes, workshops and offices (e.g. in washing machines, concrete vibrating tools, hammer drills and heating or thermal pumps). Consequently, Type F RCCBs provide future-proof protection for homes, offices and industry.

AC/DC sensitive RCCBs

In the event of a fault, smooth DC residual currents can be generated by multi-phase operated or frequency-controlled electronic equipment such as cranes, pumps, fans, compactors or concrete vibrating tools. AC/DC sensitive RCCBs are also the optimum form of protection when using consumers with operating frequencies that extend into the kilohertz range. They are stipulated by many standards (see also page 8) and make a particularly important contribution to electrical safety on construction sites (see pages 2 and 3).

Type B NK

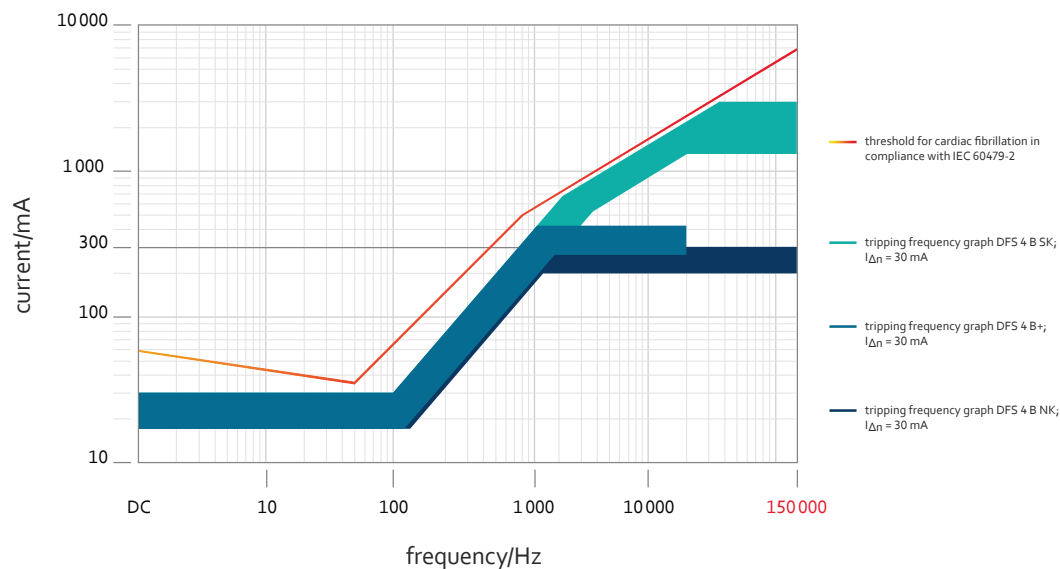
- For facilities at risk of fire
- Preventive fire protection up to max. 150 kHz
- Upper tripping limit of max. 300 mA
- Satisfies the standards DIN VDE 0664-10 and DIN VDE 0664-40
- Exceeds the requirements of standard DIN VDE 0664-400 (Type B+)

Type B+

- For facilities at risk of fire
- Fire protection up to max. 20 kHz
- Satisfies standard DIN VDE 0664-400
- Upper tripping limit of 420 mA

Type B SK

- High installation availability
- Tripping characteristic curve optimised for installations with high operational leakage currents
- Satisfies the standards DIN VDE 0664-10 and DIN VDE 0664-40
- With the ability to detect residual currents up to 150 kHz, it exceeds the requirements of the relevant device standard



residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN
(4014712...)



residual current circuit-breaker DFS 4 A EV, 2-pole



sensitive to pulsating and alternating currents Type A, with DC tripping threshold 6 mA, for electromobility

25 A

DFS 4 025-2/0,03-A EV	I Δ n = 0.03 A	4	1/20	09124 018	215979
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40 A

DFS 4 040-2/0,03-A EV	I Δ n = 0.03 A	4	1/20	09134 018	220096
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All devices also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45



residual current circuit-breaker DFS 4 A EV, 4-pole



sensitive to pulsating and alternating currents Type A, with DC tripping threshold 6 mA, for electromobility

40 A

DFS 4 040-4/0,03-A EV	I Δ n = 0.03 A	4	1/20	09134 818	215955
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63 A

DFS 4 063-4/0,03-A EV	I Δ n = 0.03 A	4	1/20	09144 818	220119
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80 A

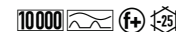
DFS 4 080-4/0,03-A EV	I Δ n = 0.03 A	4	1/20	09154 818	240803
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All devices also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45



residual current circuit-breaker DFS 4 A EV NA, 4-pole



sensitive to pulsating and alternating currents Type A, with DC tripping threshold 6 mA, for electromobility, emergency switching-off function

40 A

DFS 4 040-4/0,03-A EV NA	I Δ n = 0.03 A	4.5	1/6	09134 850	270343
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63 A

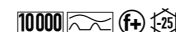
DFS 4 063-4/0,03-A EV NA	I Δ n = 0.03 A	4.5	1/6	09144 850	270367
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All devices also available in HD design. All devices also available in HD design and with N right.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45



residual current circuit-breaker DFS 4 A EV NA HD, 4-pole



sensitive to pulsating and alternating currents Type A, with DC tripping threshold 6 mA, for electromobility, emergency switching-off function, for harsh environments

40 A

DFS 4 040-4/0,03-A EV NA HD	I Δ n = 0.03 A	4.5	1/6	09134 850HD	278141
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63 A

DFS 4 063-4/0,03-A EV NA HD	I Δ n = 0.03 A	4.5	1/6	09144 850HD	278172
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All devices also available with N right.

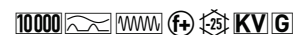
Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)



residual current circuit-breaker DFS 4 F EV, 4-pole



sensitive to residual currents Type F, short-time delayed, lightning resistant, with DC tripping threshold 6 mA, for electromobility

25 A

DFS 4 025-4/0,03-F EV	I Δ n = 0.03 A	4	1/20	09124 814	242944
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40 A

DFS 4 040-4/0,03-F EV	I Δ n = 0.03 A	4	1/20	09134 814	243002
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63 A

DFS 4 063-4/0,03-F EV	I Δ n = 0.03 A	4	1/20	09144 814	242968
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80 A

DFS 4 080-4/0,03-F EV	I Δ n = 0.03 A	4	1/20	09154 814	242982
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All devices also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45



residual current circuit-breaker DFS 4 F EV HD, 4-pole



sensitive to residual currents Type F, short-time delayed, lightning resistant, with DC tripping threshold 6 mA, for electromobility, for harsh environments

25 A

DFS 4 025-4/0,03-F EV HD	I Δ n = 0.03 A	4	1/20	09124 814HD	246607
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40 A

DFS 4 040-4/0,03-F EV HD	I Δ n = 0.03 A	4	1/20	09134 814HD	246584
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63 A

DFS 4 063-4/0,03-F EV HD	I Δ n = 0.03 A	4	1/20	09144 814HD	246560
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80 A

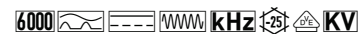
DFS 4 080-4/0,03-F EV HD	I Δ n = 0.03 A	4	1/20	09154 814HD	246546
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All devices also available with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45



residual current circuit-breaker DFS 2 HP, 2-pole



AC/DC sensitive, for heat pumps, increased surge-current resistant, short-time delayed, fire protection according to VDE 0100-420

25 A

DFS 2 025-2/0,03-HP	I Δ n = 0.03 A	NEW	2	1/40	09124 505	287822
DFS 2 025-2/0,10-HP	I Δ n = 0.1 A	NEW	2	1/40	09125 505	286054
DFS 2 025-2/0,30-HP	I Δ n = 0.3 A	NEW	2	1/40	09126 505	286078

40 A

DFS 2 040-2/0,03-HP	I Δ n = 0.03 A	NEW	2	1/40	09134 505	287907
DFS 2 040-2/0,10-HP	I Δ n = 0.1 A	NEW	2	1/40	09135 505	286092
DFS 2 040-2/0,30-HP	I Δ n = 0.3 A	NEW	2	1/40	09136 505	286115

Tripping current frequency response with extended frequency range up to 20 kHz, optimised non-response lag, Devices from 100 mA are VDE-certified.

All devices are also available in HD design.

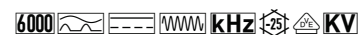
Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)



residual current circuit-breaker DFS 2 PV, 2-pole



AC/DC sensitive, for PV installations, increased surge-current resistant, short-time delayed, fire protection according to VDE 0100-420

25 A

DFS 2 025-2/0,10-PV	I Δ n = 0.1 A	NEW	2	1	09125504	285248
DFS 2 025-2/0,30-PV	I Δ n = 0.3 A	NEW	2	1	09126504	285286

40 A

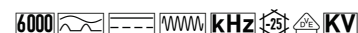
DFS 2 040-2/0,10-PV	I Δ n = 0.1 A	NEW	2	1	09135504	285323
DFS 2 040-2/0,30-PV	I Δ n = 0.3 A	NEW	2	1	09136504	285361

Tripping current frequency response with extended frequency range up to 20 kHz, optimised non-response lag
All devices are also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45



residual current circuit-breaker DFS 2 PV HD, 2-pole



AC/DC sensitive, for PV installations, increased surge-current resistant, short-time delayed, fire protection according to VDE 0100-420, for harsh environments

25 A

DFS 2 025-2/0,10-PV HD	I Δ n = 0.1 A	NEW	2	1	09125504HD	285262
DFS 2 025-2/0,30-PV HD	I Δ n = 0.3 A	NEW	2	1	09126504HD	285309

40 A

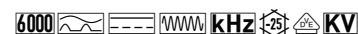
DFS 2 040-2/0,10-PV HD	I Δ n = 0.1 A	NEW	2	1	09135504HD	285347
DFS 2 040-2/0,30-PV HD	I Δ n = 0.3 A	NEW	2	1	09136504HD	285385

Tripping current frequency response with extended frequency range up to 20 kHz, optimised non-response lag

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45



residual current circuit-breaker DFS 4 PV, 4-pole



AC-DC sensitive, for PV installations, increased surge-current resistant, short-time delayed, fire protection according to VDE 0100-420

40 A

DFS 4 040-4/0,10-PV	I Δ n = 0.1 A	NEW	4	1/20	09135804	284920
DFS 4 040-4/0,30-PV	I Δ n = 0.3 A	NEW	4	1/20	09136804	284968

63 A

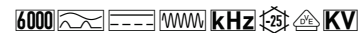
DFS 4 063-4/0,10-PV	I Δ n = 0.1 A	NEW	4	1	09145804	285002
DFS 4 063-4/0,30-PV	I Δ n = 0.3 A	NEW	4	1/20	09146804	285040

Tripping current frequency response with extended frequency range up to 20 kHz, optimised non-response lag
All devices are also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45



residual current circuit-breaker DFS 4 PV HD, 4-pole



AC/DC sensitive, for PV installations, increased surge-current resistant, short-time delayed, fire protection according to VDE 0100-420, for harsh environments

40 A

DFS 4 040-4/0,10-PV HD	I Δ n = 0.1 A	NEW	4	1	09135804HD	284944
DFS 4 040-4/0,30-PV HD	I Δ n = 0.3 A	NEW	4	1	09136804HD	284982

63 A

DFS 4 063-4/0,10-PV HD	I Δ n = 0.1 A	NEW	4	1	09145804HD	285026
DFS 4 063-4/0,30-PV HD	I Δ n = 0.3 A	NEW	4	1	09146804HD	285064

Tripping current frequency response with extended frequency range up to 20 kHz, optimised non-response lag
All devices are also available with N right.

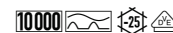
Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)

Type A

residual current circuit-breaker DFS 2 A, 2-pole



sensitive to pulsating and alternating currents Type A

16 A

DFS 2 016-2/0,01-A	I Δ n = 0.01 A	2	1/40	09112 601	069237
DFS 2 016-2/0,03-A	I Δ n = 0.03 A	2	1/40	09114 601	069244
DFS 2 016-2/0,10-A	I Δ n = 0.1 A	2	1/40	09115 601	069251
DFS 2 016-2/0,30-A	I Δ n = 0.3 A	2	1/40	09116 601	069268
DFS 2 016-2/0,50-A	I Δ n = 0.5 A	2	1/40	09117 601	069275

25 A

DFS 2 025-2/0,01-A	I Δ n = 0.01 A	2	1/40	09122 601	069282
DFS 2 025-2/0,03-A	I Δ n = 0.03 A	2	1/40	09124 601	069299
DFS 2 025-2/0,10-A	I Δ n = 0.1 A	2	1/40	09125 601	069305
DFS 2 025-2/0,30-A	I Δ n = 0.3 A	2	1/40	09126 601	069312
DFS 2 025-2/0,50-A	I Δ n = 0.5 A	2	1/40	09127 601	069329

40 A

DFS 2 040-2/0,01-A	I Δ n = 0.01 A	2	1/40	09132 601	069336
DFS 2 040-2/0,03-A	I Δ n = 0.03 A	2	1/40	09134 601	069343
DFS 2 040-2/0,10-A	I Δ n = 0.1 A	2	1/40	09135 601	069350
DFS 2 040-2/0,30-A	I Δ n = 0.3 A	2	1/40	09136 601	069367
DFS 2 040-2/0,50-A	I Δ n = 0.5 A	2	1/40	09137 601	069374

63 A

DFS 2 063-2/0,03-A	I Δ n = 0.03 A	2	1/40	09144 601	069381
DFS 2 063-2/0,10-A	I Δ n = 0.1 A	2	1/40	09145 601	069398
DFS 2 063-2/0,30-A	I Δ n = 0.3 A	2	1/40	09146 601	069404
DFS 2 063-2/0,50-A	I Δ n = 0.5 A	2	1/40	09147 601	069411

80 A

DFS 2 080-2/0,03-A	I Δ n = 0.03 A	2	1/40	09154 601	069428
DFS 2 080-2/0,10-A	I Δ n = 0.1 A	2	1/40	09155 601	069435
DFS 2 080-2/0,30-A	I Δ n = 0.3 A	2	1/40	09156 601	069442
DFS 2 080-2/0,50-A	I Δ n = 0.5 A	2	1/40	09157 601	069459

100 A

DFS 2 100-2/0,03-A	I Δ n = 0.03 A	2	1/40	09164 601	069466
DFS 2 100-2/0,10-A	I Δ n = 0.1 A	2	1/40	09165 601	069473
DFS 2 100-2/0,30-A	I Δ n = 0.3 A	2	1/40	09166 601	069480
DFS 2 100-2/0,50-A	I Δ n = 0.5 A	2	1/40	09167 601	069497

125 A

DFS 2 125-2/0,03-A	I Δ n = 0.03 A	2	1/40	09174 601	086746
DFS 2 125-2/0,10-A	I Δ n = 0.1 A	2	1/40	09175 601	086784
DFS 2 125-2/0,30-A	I Δ n = 0.3 A	2	1/40	09176 601	086821
DFS 2 125-2/0,50-A	I Δ n = 0.5 A	2	1/40	09177 601	086869

Devices from 30 mA with VDE approval mark. All devices also available in HD design.

Accessories: auxiliary switches DHI, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45



residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN
(4014712...)

Type A

residual current circuit-breaker DFS 4 A, 4-pole

sensitive to pulsating and alternating currents Type A

10000   

**16 A**

DFS 4 016-4/0,01-A	I Δ n = 0.01 A	4	1/20	09112901	089921
DFS 4 016-4/0,03-A	I Δ n = 0.03 A	4	1/20	09114901	089945

25 A

DFS 4 025-4/0,01-A	I Δ n = 0.01 A	4	1/20	09122901	089969
DFS 4 025-4/0,03-A	I Δ n = 0.03 A	4	1/20	09124901	089983
DFS 4 025-4/0,10-A	I Δ n = 0.1 A	4	1/20	09125901	090002
DFS 4 025-4/0,30-A	I Δ n = 0.3 A	4	1/20	09126901	199415
DFS 4 025-4/0,50-A	I Δ n = 0.5 A	4	1/20	09127901	090040

40 A

DFS 4 040-4/0,03-A	I Δ n = 0.03 A	4	1/20	09134901	090064
DFS 4 040-4/0,10-A	I Δ n = 0.1 A	4	1/20	09135901	090101
DFS 4 040-4/0,30-A	I Δ n = 0.3 A	4	1/20	09136901	091221
DFS 4 040-4/0,50-A	I Δ n = 0.5 A	4	1/20	09137901	090125

63 A

DFS 4 063-4/0,03-A	I Δ n = 0.03 A	4	1/20	09144901	090149
DFS 4 063-4/0,10-A	I Δ n = 0.1 A	4	1/20	09145901	090163
DFS 4 063-4/0,30-A	I Δ n = 0.3 A	4	1/20	09146901	090187
DFS 4 063-4/0,50-A	I Δ n = 0.5 A	4	1/20	09147901	090200

80 A

DFS 4 080-4/0,03-A	I Δ n = 0.03 A	4	1/20	09154901	091238
DFS 4 080-4/0,10-A	I Δ n = 0.1 A	4	1/20	09155901	090262
DFS 4 080-4/0,30-A	I Δ n = 0.3 A	4	1/20	09156901	090248
DFS 4 080-4/0,50-A	I Δ n = 0.5 A	4	1/20	09157901	090286

100 A

DFS 4 100-4/0,03-A	I Δ n = 0.03 A	4	1/20	09164901	090309
DFS 4 100-4/0,10-A	I Δ n = 0.1 A	4	1/20	09165901	090323
DFS 4 100-4/0,30-A	I Δ n = 0.3 A	4	1/20	09166901	090347
DFS 4 100-4/0,50-A	I Δ n = 0.5 A	4	1/20	09167901	090361

125 A

DFS 4 125-4/0,03-A	I Δ n = 0.03 A	4	1/20	09174901	090385
DFS 4 125-4/0,10-A	I Δ n = 0.1 A	4	1/20	09175901	090408
DFS 4 125-4/0,30-A	I Δ n = 0.3 A	4	1/20	09176901	090422
DFS 4 125-4/0,50-A	I Δ n = 0.5 A	4	1/20	09177901	090446

Devices from 30 mA with VDE approval mark. All devices also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. article no. EAN
widths units (4014712...)

Type A

residual current circuit-breaker DFS 2 A S, 2-pole

sensitive to pulsating and alternating currents Type A, selective



40 A

DFS 2 040-2/0,10-A S	I Δ n = 0.1 A	2	1/40	09135 605	131057
DFS 2 040-2/0,30-A S	I Δ n = 0.3 A	2	1/40	09136 605	131071
DFS 2 040-2/0,50-A S	I Δ n = 0.5 A	2	1/40	09137 605	131095

63 A

DFS 2 063-2/0,10-A S	I Δ n = 0.1 A	2	1/40	09145 605	116306
DFS 2 063-2/0,30-A S	I Δ n = 0.3 A	2	1/40	09146 605	116269
DFS 2 063-2/0,50-A S	I Δ n = 0.5 A	2	1/40	09147 605	116283

80 A

DFS 2 080-2/0,10-A S	I Δ n = 0.1 A	2	1/40	09155 605	131170
DFS 2 080-2/0,30-A S	I Δ n = 0.3 A	2	1/40	09156 605	131194
DFS 2 080-2/0,50-A S	I Δ n = 0.5 A	2	1/40	09157 605	131217

100 A

DFS 2 100-2/0,10-A S	I Δ n = 0.1 A	2	1/40	09165 605	131231
DFS 2 100-2/0,30-A S	I Δ n = 0.3 A	2	1/40	09166 605	135048
DFS 2 100-2/0,50-A S	I Δ n = 0.5 A	2	1/40	09167 605	131279

125 A

DFS 2 125-2/0,10-A S	I Δ n = 0.1 A	2	1/40	09175 605	131293
DFS 2 125-2/0,30-A S	I Δ n = 0.3 A	2	1/40	09176 605	132771
DFS 2 125-2/0,50-A S	I Δ n = 0.5 A	2	1/40	09177 605	131330

All devices also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. article no. EAN
widths units (4014712...)

Type A

residual current circuit-breaker DFS 4 A S, 4-pole



sensitive to pulsating and alternating currents Type A, selective

**40 A**

DFS 4 040-4/0,10-A S	$I\Delta n = 0.1 \text{ A}$	4	1/20	09135905	131651
DFS 4 040-4/0,30-A S	$I\Delta n = 0.3 \text{ A}$	4	1/20	09136905	091184
DFS 4 040-4/0,50-A S	$I\Delta n = 0.5 \text{ A}$	4	1/20	09137905	091207
DFS 4 040-4/1,00-A S	$I\Delta n = 1 \text{ A}$	4	1/20	09138905	157675

63 A

DFS 4 063-4/0,10-A S	$I\Delta n = 0.1 \text{ A}$	4	1/20	09145905	131675
DFS 4 063-4/0,30-A S	$I\Delta n = 0.3 \text{ A}$	4	1/20	09146905	091269
DFS 4 063-4/0,50-A S	$I\Delta n = 0.5 \text{ A}$	4	1/20	09147905	091283
DFS 4 063-4/1,00-A S	$I\Delta n = 1 \text{ A}$	4	1/20	09148905	157699

80 A

DFS 4 080-4/0,10-A S	$I\Delta n = 0.1 \text{ A}$	4	1/20	09155905	131699
DFS 4 080-4/0,30-A S	$I\Delta n = 0.3 \text{ A}$	4	1/20	09156905	091344
DFS 4 080-4/0,50-A S	$I\Delta n = 0.5 \text{ A}$	4	1/20	09157905	091368
DFS 4 080-4/1,00-A S	$I\Delta n = 1 \text{ A}$	4	1/20	09158905	091009

100 A

DFS 4 100-4/0,10-A S	$I\Delta n = 0.1 \text{ A}$	4	1/20	09165905	131712
DFS 4 100-4/0,30-A S	$I\Delta n = 0.3 \text{ A}$	4	1/20	09166905	091429
DFS 4 100-4/0,50-A S	$I\Delta n = 0.5 \text{ A}$	4	1/20	09167905	091443
DFS 4 100-4/1,00-A S	$I\Delta n = 1 \text{ A}$	4	1/20	09168905	091405

125 A

DFS 4 125-4/0,10-A S	$I\Delta n = 0.1 \text{ A}$	4	1/20	09175905	131736
DFS 4 125-4/0,30-A S	$I\Delta n = 0.3 \text{ A}$	4	1/20	09176905	091504
DFS 4 125-4/0,50-A S	$I\Delta n = 0.5 \text{ A}$	4	1/20	09177905	091528
DFS 4 125-4/1,00-A S	$I\Delta n = 1 \text{ A}$	4	1/20	09178905	091467

All devices also available in HD design and with N right.

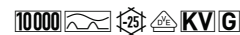
Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)

Type A

residual current circuit-breaker DFS 2 A KV, 2-pole



sensitive to pulsating and alternating currents Type A, short-time delayed, lightning resistant

16 A

DFS 2 016-2/0,03-A KV	I Δ n = 0.03 A	2	1/40	09114 609	109568
DFS 2 016-2/0,10-A KV	I Δ n = 0.1 A	2	1/40	09115 609	122659
DFS 2 016-2/0,30-A KV	I Δ n = 0.3 A	2	1/40	09116 609	109582
DFS 2 016-2/0,50-A KV	I Δ n = 0.5 A	2	1/40	09117 609	122673

25 A

DFS 2 025-2/0,03-A KV	I Δ n = 0.03 A	2	1/40	09124 609	107670
DFS 2 025-2/0,10-A KV	I Δ n = 0.1 A	2	1/40	09125 609	118980
DFS 2 025-2/0,30-A KV	I Δ n = 0.3 A	2	1/40	09126 609	109612
DFS 2 025-2/0,50-A KV	I Δ n = 0.5 A	2	1/40	09127 609	122697

40 A

DFS 2 040-2/0,03-A KV	I Δ n = 0.03 A	2	1/40	09134 609	109636
DFS 2 040-2/0,10-A KV	I Δ n = 0.1 A	2	1/40	09135 609	122710
DFS 2 040-2/0,30-A KV	I Δ n = 0.3 A	2	1/40	09136 609	109650
DFS 2 040-2/0,50-A KV	I Δ n = 0.5 A	2	1/40	09137 609	122734

63 A

DFS 2 063-2/0,03-A KV	I Δ n = 0.03 A	2	1/40	09144 609	109674
DFS 2 063-2/0,10-A KV	I Δ n = 0.1 A	2	1/40	09145 609	122758
DFS 2 063-2/0,30-A KV	I Δ n = 0.3 A	2	1/40	09146 609	109698
DFS 2 063-2/0,50-A KV	I Δ n = 0.5 A	2	1/40	09147 609	122772

80 A

DFS 2 080-2/0,03-A KV	I Δ n = 0.03 A	2	1/40	09154 609	109711
DFS 2 080-2/0,10-A KV	I Δ n = 0.1 A	2	1/40	09155 609	122796
DFS 2 080-2/0,30-A KV	I Δ n = 0.3 A	2	1/40	09156 609	109735
DFS 2 080-2/0,50-A KV	I Δ n = 0.5 A	2	1/40	09157 609	122819

100 A

DFS 2 100-2/0,03-A KV	I Δ n = 0.03 A	2	1/40	09164 609	109759
DFS 2 100-2/0,10-A KV	I Δ n = 0.1 A	2	1/40	09165 609	122833
DFS 2 100-2/0,30-A KV	I Δ n = 0.3 A	2	1/40	09166 609	109773
DFS 2 100-2/0,50-A KV	I Δ n = 0.5 A	2	1/40	09167 609	122857

125 A

DFS 2 125-2/0,03-A KV	I Δ n = 0.03 A	2	1/40	09174 609	109797
DFS 2 125-2/0,10-A KV	I Δ n = 0.1 A	2	1/40	09175 609	122871
DFS 2 125-2/0,30-A KV	I Δ n = 0.3 A	2	1/40	09176 609	109810
DFS 2 125-2/0,50-A KV	I Δ n = 0.5 A	2	1/40	09177 609	122895

Increased surge current strength up to 3 kA, non-response lag time 10 ms.

All devices also available in HD design.




Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. article no. EAN
widths units (4014712...)

Type A

residual current circuit-breaker DFS 4 A KV, 4-pole

10000   

sensitive to pulsating and alternating currents Type A, short-time delayed, lightning resistant

**16 A**

DFS 4 016-4/0,03-A KV	I Δ n = 0.03 A	4	1/20	09114909	100619
DFS 4 016-4/0,10-A KV	I Δ n = 0.1 A	4	1/20	09115909	122536
DFS 4 016-4/0,30-A KV	I Δ n = 0.3 A	4	1/20	09116909	122550
DFS 4 016-4/0,50-A KV	I Δ n = 0.5 A	4	1/20	09117909	122574

25 A

DFS 4 025-4/0,03-A KV	I Δ n = 0.03 A	4	1/20	09124909	100657
DFS 4 025-4/0,10-A KV	I Δ n = 0.1 A	4	1/20	09125909	100671
DFS 4 025-4/0,30-A KV	I Δ n = 0.3 A	4	1/20	09126909	100695
DFS 4 025-4/0,50-A KV	I Δ n = 0.5 A	4	1/20	09127909	100718

40 A

DFS 4 040-4/0,03-A KV	I Δ n = 0.03 A	4	1/20	09134909	100732
DFS 4 040-4/0,10-A KV	I Δ n = 0.1 A	4	1/20	09135909	100756
DFS 4 040-4/0,30-A KV	I Δ n = 0.3 A	4	1/20	09136909	100770
DFS 4 040-4/0,50-A KV	I Δ n = 0.5 A	4	1/20	09137909	100794

63 A

DFS 4 063-4/0,03-A KV	I Δ n = 0.03 A	4	1/20	09144909	100817
DFS 4 063-4/0,10-A KV	I Δ n = 0.1 A	4	1/20	09145909	100831
DFS 4 063-4/0,30-A KV	I Δ n = 0.3 A	4	1/20	09146909	100855
DFS 4 063-4/0,50-A KV	I Δ n = 0.5 A	4	1/20	09147909	100879

80 A

DFS 4 080-4/0,03-A KV	I Δ n = 0.03 A	4	1/20	09154909	100893
DFS 4 080-4/0,10-A KV	I Δ n = 0.1 A	4	1/20	09155909	100916
DFS 4 080-4/0,30-A KV	I Δ n = 0.3 A	4	1/20	09156909	100930
DFS 4 080-4/0,50-A KV	I Δ n = 0.5 A	4	1/20	09157909	100954

100 A

DFS 4 100-4/0,03-A KV	I Δ n = 0.03 A	4	1/20	09164909	100978
DFS 4 100-4/0,10-A KV	I Δ n = 0.1 A	4	1/20	09165909	100992
DFS 4 100-4/0,30-A KV	I Δ n = 0.3 A	4	1/20	09166909	101012
DFS 4 100-4/0,50-A KV	I Δ n = 0.5 A	4	1/20	09167909	101036

125 A

DFS 4 125-4/0,03-A KV	I Δ n = 0.03 A	4	1/20	09174909	101050
DFS 4 125-4/0,10-A KV	I Δ n = 0.1 A	4	1/20	09175909	101074
DFS 4 125-4/0,30-A KV	I Δ n = 0.3 A	4	1/20	09176909	101098
DFS 4 125-4/0,50-A KV	I Δ n = 0.5 A	4	1/20	09177909	101111

Increased surge current strength up to 3 kA, non-response lag time 10 ms.

All devices also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN
(4014712...)

Type A

residual current circuit-breaker DFS 2 A FT, 2-pole



sensitive to pulsating and alternating currents Type A, with remote-tripping function

16 A

DFS 2 016-2/0,01-A FT	I Δ n = 0.01 A	2.5	1/20	09112 621	146037
DFS 2 016-2/0,03-A FT	I Δ n = 0.03 A	2.5	1/20	09114 621	146051
DFS 2 016-2/0,10-A FT	I Δ n = 0.1 A	2.5	1/20	09115 621	146075
DFS 2 016-2/0,30-A FT	I Δ n = 0.3 A	2.5	1/20	09116 621	146099
DFS 2 016-2/0,50-A FT	I Δ n = 0.5 A	2.5	1/20	09117 621	146112

25 A

DFS 2 025-2/0,01-A FT	I Δ n = 0.01 A	2.5	1/20	09122 621	121539
DFS 2 025-2/0,03-A FT	I Δ n = 0.03 A	2.5	1/20	09124 621	146136
DFS 2 025-2/0,10-A FT	I Δ n = 0.1 A	2.5	1/20	09125 621	146150
DFS 2 025-2/0,30-A FT	I Δ n = 0.3 A	2.5	1/20	09126 621	146174
DFS 2 025-2/0,50-A FT	I Δ n = 0.5 A	2.5	1/20	09127 621	146198

40 A

DFS 2 040-2/0,01-A FT	I Δ n = 0.01 A	2.5	1/20	09132 621	146211
DFS 2 040-2/0,03-A FT	I Δ n = 0.03 A	2.5	1/20	09134 621	121584
DFS 2 040-2/0,10-A FT	I Δ n = 0.1 A	2.5	1/20	09135 621	146235
DFS 2 040-2/0,30-A FT	I Δ n = 0.3 A	2.5	1/20	09136 621	146259
DFS 2 040-2/0,50-A FT	I Δ n = 0.5 A	2.5	1/20	09137 621	146273

63 A

DFS 2 063-2/0,03-A FT	I Δ n = 0.03 A	2.5	1/20	09144 621	146297
DFS 2 063-2/0,10-A FT	I Δ n = 0.1 A	2.5	1/20	09145 621	146310
DFS 2 063-2/0,30-A FT	I Δ n = 0.3 A	2.5	1/20	09146 621	146334
DFS 2 063-2/0,50-A FT	I Δ n = 0.5 A	2.5	1/20	09147 621	146358

80 A

DFS 2 080-2/0,03-A FT	I Δ n = 0.03 A	2.5	1/20	09154 621	146372
DFS 2 080-2/0,10-A FT	I Δ n = 0.1 A	2.5	1/20	09155 621	146396
DFS 2 080-2/0,30-A FT	I Δ n = 0.3 A	2.5	1/20	09156 621	146419
DFS 2 080-2/0,50-A FT	I Δ n = 0.5 A	2.5	1/20	09157 621	146433

100 A

DFS 2 100-2/0,03-A FT	I Δ n = 0.03 A	2.5	1/20	09164 621	146457
DFS 2 100-2/0,10-A FT	I Δ n = 0.1 A	2.5	1/20	09165 621	146471
DFS 2 100-2/0,30-A FT	I Δ n = 0.3 A	2.5	1/20	09166 621	146495
DFS 2 100-2/0,50-A FT	I Δ n = 0.5 A	2.5	1/20	09167 621	146518

125 A

DFS 2 125-2/0,03-A FT	I Δ n = 0.03 A	2.5	1/20	09174 621	146532
DFS 2 125-2/0,10-A FT	I Δ n = 0.1 A	2.5	1/20	09175 621	146556
DFS 2 125-2/0,30-A FT	I Δ n = 0.3 A	2.5	1/20	09176 621	146570
DFS 2 125-2/0,50-A FT	I Δ n = 0.5 A	2.5	1/20	09177 621	146594

In the FT design, the connections of the internal test key are additionally wired to two terminals. This allows the option of activating the circuit-breaker test device using external switching contacts.

All devices also available in HD design.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN
(4014712...)

Type A

residual current circuit-breaker DFS 4 A FT, 4-pole



sensitive to pulsating and alternating currents Type A, with remote-tripping function

16 A

DFS 4 016-4/0,01-A FT	I Δ n = 0.01 A	4.5	1/10	09112921	146617
DFS 4 016-4/0,03-A FT	I Δ n = 0.03 A	4.5	1/10	09114921	146631

25 A

DFS 4 025-4/0,01-A FT	I Δ n = 0.01 A	4.5	1/10	09122921	146655
DFS 4 025-4/0,03-A FT	I Δ n = 0.03 A	4.5	1/10	09124921	134867
DFS 4 025-4/0,10-A FT	I Δ n = 0.1 A	4.5	1/20	09125921	146679
DFS 4 025-4/0,30-A FT	I Δ n = 0.3 A	4.5	1/10	09126921	146693
DFS 4 025-4/0,50-A FT	I Δ n = 0.5 A	4.5	1/10	09127921	146716

40 A

DFS 4 040-4/0,03-A FT	I Δ n = 0.03 A	4.5	1/10	09134921	121638
DFS 4 040-4/0,10-A FT	I Δ n = 0.1 A	4.5	1/10	09135921	146730
DFS 4 040-4/0,30-A FT	I Δ n = 0.3 A	4.5	1/10	09136921	146754
DFS 4 040-4/0,50-A FT	I Δ n = 0.5 A	4.5	1/10	09137921	146778

63 A

DFS 4 063-4/0,03-A FT	I Δ n = 0.03 A	4.5	1/10	09144921	118973
DFS 4 063-4/0,10-A FT	I Δ n = 0.1 A	4.5	1/10	09145921	146808
DFS 4 063-4/0,30-A FT	I Δ n = 0.3 A	4.5	1/10	09146921	146822
DFS 4 063-4/0,50-A FT	I Δ n = 0.5 A	4.5	1/10	09147921	146846

80 A

DFS 4 080-4/0,03-A FT	I Δ n = 0.03 A	4.5	1/10	09154921	106888
DFS 4 080-4/0,10-A FT	I Δ n = 0.1 A	4.5	1/10	09155921	146877
DFS 4 080-4/0,30-A FT	I Δ n = 0.3 A	4.5	1/10	09156921	146891
DFS 4 080-4/0,50-A FT	I Δ n = 0.5 A	4.5	1/10	09157921	146914

100 A

DFS 4 100-4/0,03-A FT	I Δ n = 0.03 A	4.5	1/10	09164921	146938
DFS 4 100-4/0,10-A FT	I Δ n = 0.1 A	4.5	1/10	09165921	146952
DFS 4 100-4/0,30-A FT	I Δ n = 0.3 A	4.5	1/10	09166921	146976
DFS 4 100-4/0,50-A FT	I Δ n = 0.5 A	4.5	1/10	09167921	146990

125 A

DFS 4 125-4/0,03-A FT	I Δ n = 0.03 A	4.5	1/10	09174921	147010
DFS 4 125-4/0,10-A FT	I Δ n = 0.1 A	4.5	1/10	09175921	147034
DFS 4 125-4/0,30-A FT	I Δ n = 0.3 A	4.5	1/10	09176921	147058
DFS 4 125-4/0,50-A FT	I Δ n = 0.5 A	4.5	1/10	09177921	147072

All devices also available in HD design and with N right.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)

Type A

residual current circuit-breaker DFS 4 A V, 4-pole



sensitive to pulsating and alternating currents Type A, for special voltages 500 V

16 A

DFS 4 016-4/0,01-A V500	I Δ n = 0.01 A	4	1/20	09112945	147096
DFS 4 016-4/0,03-A V500	I Δ n = 0.03 A	4	1/20	09114945	147119

25 A

DFS 4 025-4/0,01-A V500	I Δ n = 0.01 A	4	1/20	09122945	147133
DFS 4 025-4/0,03-A V500	I Δ n = 0.03 A	4	1/20	09124945	143555
DFS 4 025-4/0,10-A V500	I Δ n = 0.1 A	4	1/20	09125945	147171
DFS 4 025-4/0,30-A V500	I Δ n = 0.3 A	4	1/20	09126945	145702
DFS 4 025-4/0,50-A V500	I Δ n = 0.5 A	4	1/20	09127945	145696

40 A

DFS 4 040-4/0,03-A V500	I Δ n = 0.03 A	4	1/20	09134945	137912
DFS 4 040-4/0,10-A V500	I Δ n = 0.1 A	4	1/20	09135945	145795
DFS 4 040-4/0,30-A V500	I Δ n = 0.3 A	4	1/20	09136945	144835
DFS 4 040-4/0,50-A V500	I Δ n = 0.5 A	4	1/20	09137945	147232

63 A

DFS 4 063-4/0,03-A V500	I Δ n = 0.03 A	4	1/20	09144945	136861
DFS 4 063-4/0,10-A V500	I Δ n = 0.1 A	4	1/20	09145945	144897
DFS 4 063-4/0,30-A V500	I Δ n = 0.3 A	4	1/20	09146945	138223
DFS 4 063-4/0,50-A V500	I Δ n = 0.5 A	4	1/20	09147945	147256

80 A

DFS 4 080-4/0,03-A V500	I Δ n = 0.03 A	4	1/20	09154945	145429
DFS 4 080-4/0,10-A V500	I Δ n = 0.1 A	4	1/20	09155945	147270
DFS 4 080-4/0,30-A V500	I Δ n = 0.3 A	4	1/20	09156945	138193
DFS 4 080-4/0,50-A V500	I Δ n = 0.5 A	4	1/20	09157945	145931

100 A

DFS 4 100-4/0,03-A V500	I Δ n = 0.03 A	4	1/20	09164945	155510
DFS 4 100-4/0,10-A V500	I Δ n = 0.1 A	4	1/20	09165945	155534
DFS 4 100-4/0,30-A V500	I Δ n = 0.3 A	4	1/20	09166945	155558
DFS 4 100-4/0,50-A V500	I Δ n = 0.5 A	4	1/20	09167945	155572

125 A

DFS 4 125-4/0,03-A V500	I Δ n = 0.03 A	4	1/20	09174945	154391
DFS 4 125-4/0,10-A V500	I Δ n = 0.1 A	4	1/20	09175945	155596
DFS 4 125-4/0,30-A V500	I Δ n = 0.3 A	4	1/20	09176945	155619
DFS 4 125-4/0,50-A V500	I Δ n = 0.5 A	4	1/20	09177945	152427

All devices also available in HD design and with N right. Other special voltages on request.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type A

residual current circuit-breaker DFS 4 A W, 2 and 3-pole



sensitive to pulsating and alternating currents Type A, 16 2/3 Hz or 16 2/3 Hz - 60 Hz

40 A

DFS 4W 040-2/0,50-A	I Δ n = 0.5 A	4	1/20	09137961	135482
DFS 4W 040-3/0,50-A	I Δ n = 0.5 A	4	1/20	09137963	135505

63 A

DFS 4W 063-2/0,50-A	I Δ n = 0.5 A	4	1/20	09147961	135543
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All devices also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN
(4014712...)

Type A

residual current circuit-breaker DFS 2 A Twin, 2-pole



sensitive to pulsating and alternating currents Type A, Twin-version

16 A

DFS 2 016-2/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	4	1/10	09114 010	205710
DFS 2 016-2/0,30-A Twin	$I\Delta n = 0.3 \text{ A}$	4	1/10	09116 010	205734

25 A

DFS 2 025-2/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	4	1/10	09124 010	205642
DFS 2 025-2/0,30-A Twin	$I\Delta n = 0.3 \text{ A}$	4	1/10	09126 010	205741

40 A

DFS 2 040-2/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	4	1/10	09134 010	205659
DFS 2 040-2/0,30-A Twin	$I\Delta n = 0.3 \text{ A}$	4	1/10	09136 010	205758

63 A

DFS 2 063-2/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	4	1/10	09144 010	205666
DFS 2 063-2/0,30-A Twin	$I\Delta n = 0.3 \text{ A}$	4	1/10	09146 010	205765

80 A

DFS 2 080-2/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	4	1/10	09154 010	207431
DFS 2 080-2/0,30-A Twin	$I\Delta n = 0.3 \text{ A}$	4	1/10	09156 010	207479

For function check without disconnecting power.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

Type A

residual current circuit-breaker DFS 4 A Twin, 4-pole



sensitive to pulsating and alternating currents Type A, Twin-version

16 A

DFS 4 016-4/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	8	1	09114 810	205819
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25 A

DFS 4 025-4/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	8	1	09124 810	205826
DFS 4 025-4/0,30-A Twin	$I\Delta n = 0.3 \text{ A}$	8	1	09126 810	205888

40 A

DFS 4 040-4/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	8	1	09134 810	205833
DFS 4 040-4/0,30-A Twin	$I\Delta n = 0.3 \text{ A}$	8	1	09136 810	205895

63 A

DFS 4 063-4/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	8	1	09144 810	208179
DFS 4 063-4/0,30-A Twin	$I\Delta n = 0.3 \text{ A}$	8	1	09146 810	208186

For function check without disconnecting power.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

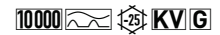
residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)

Type A



residual current circuit-breaker DFS 2 A KV Twin, 2-pole



sensitive to pulsating and alternating currents Type A, short-time delayed, lightning resistant

16 A

DFS 2 016-2/0,03-A KV Twin	I Δ n = 0.03 A	4	1/10	09114 009	206526
DFS 2 016-2/0,30-A KV Twin	I Δ n = 0.3 A	4	1/10	09116 009	206601

25 A

DFS 2 025-2/0,03-A KV Twin	I Δ n = 0.03 A	4	1/10	09124 009	206540
DFS 2 025-2/0,30-A KV Twin	I Δ n = 0.3 A	4	1/10	09126 009	206618

40 A

DFS 2 040-2/0,03-A KV Twin	I Δ n = 0.03 A	4	1/10	09134 009	206564
DFS 2 040-2/0,30-A KV Twin	I Δ n = 0.3 A	4	1/10	09136 009	206625

63 A

DFS 2 063-2/0,03-A KV Twin	I Δ n = 0.03 A	4	1/10	09144 009	206588
DFS 2 063-2/0,30-A KV Twin	I Δ n = 0.3 A	4	1/10	09146 009	206632

80 A

DFS 2 080-2/0,03-A KV Twin	I Δ n = 0.03 A	4	1/10	09154 009	208131
DFS 2 080-2/0,30-A KV Twin	I Δ n = 0.3 A	4	1/10	09156 009	208148

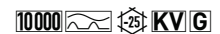
For function check without disconnecting power, non-response lag time 10 ms.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

Type A



residual current circuit-breaker DFS 4 A KV Twin, 4-pole



sensitive to pulsating and alternating currents Type A, short-time delayed, lightning resistant

16 A

DFS 4 016-4/0,03-A KV Twin	I Δ n = 0.03 A	8	1	09114 809	206649
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25 A

DFS 4 025-4/0,03-A KV Twin	I Δ n = 0.03 A	8	1	09124 809	206656
DFS 4 025-4/0,30-A KV Twin	I Δ n = 0.3 A	8	1	09126 809	206687

40 A

DFS 4 040-4/0,03-A KV Twin	I Δ n = 0.03 A	8	1	09134 809	206663
DFS 4 040-4/0,30-A KV Twin	I Δ n = 0.3 A	8	1	09136 809	206694

63 A

DFS 4 063-4/0,03-A KV Twin	I Δ n = 0.03 A	8	1	09144 809	208193
DFS 4 063-4/0,30-A KV Twin	I Δ n = 0.3 A	8	1	09146 809	216709

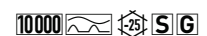
For function check without disconnecting power, non-response lag time 10 ms.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

Type A



residual current circuit-breaker DFS 2 A S Twin, 2-pole



sensitive to pulsating and alternating currents Type A, selective

40 A

DFS 2 040-2/0,30-A S Twin	I Δ n = 0.3 A	4	1	09136 015	205956
DFS 2 040-2/0,50-A S Twin	I Δ n = 0.5 A	4	1	09137 015	205994

63 A

DFS 2 063-2/0,30-A S Twin	I Δ n = 0.3 A	4	1	09146 015	205963
DFS 2 063-2/0,50-A S Twin	I Δ n = 0.5 A	4	1	09147 015	206007

80 A

DFS 2 080-2/0,30-A S Twin	I Δ n = 0.3 A	4	1	09156 015	208155
DFS 2 080-2/0,50-A S Twin	I Δ n = 0.5 A	4	1	09157 015	208162

For function check without disconnecting power.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)

Type A

residual current circuit-breaker DFS 4 A S Twin, 4-pole



sensitive to pulsating and alternating currents Type A, selective

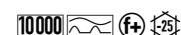
40 A					
DFS 4 040-4/0,30-A S Twin	I Δ n = 0.3 A	8	1	09136815	206038
DFS 4 040-4/0,50-A S Twin	I Δ n = 0.5 A	8	1	09137815	206069
63 A					
DFS 4 063-4/0,30-A S Twin	I Δ n = 0.3 A	8	1	09146815	208216
DFS 4 063-4/0,50-A S Twin	I Δ n = 0.5 A	8	1	09147815	208223

For function check without disconnecting power.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

Type A

residual current circuit-breaker DFS 4 A NA, 4-pole



sensitive to pulsating and alternating currents Type A, emergency switching-off function

16 A					
DFS 4 016-4/0,03-A NA	I Δ n = 0.03 A	4.5	1/16	09114841	225978
25 A					
DFS 4 025-4/0,03-A NA	I Δ n = 0.03 A	4.5	1/16	09124841	225992
40 A					
DFS 4 040-4/0,03-A NA	I Δ n = 0.03 A	4.5	1/16	09134841	226012
63 A					
DFS 4 063-4/0,03-A NA	I Δ n = 0.03 A	4.5	1/16	09144841	226036

DFS with emergency switching-off function ('NA' variant) make it possible to connect corresponding control elements, e. g. push-buttons for disconnecting the RCCB in emergency situations.

All devices also available in HD design and with N right.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

Type A

residual current circuit-breaker DRCCB 5 ST, 2-pole



sensitive to pulsating and alternating currents Type A, short-time delayed

25 A					
DRCCB 5 ST 025-2/0,03-A	I Δ n = 0.03 A	5	1	09421501	223233

automatic, regular self-test without any interruption to the power supply.

Type A

residual current circuit-breaker DRCCB 5 ST, 4-pole



sensitive to pulsating and alternating currents Type A, short-time delayed

25 A					
DRCCB 5 ST 025-4/0,03-A	I Δ n = 0.03 A	7	1	09421502	223240
40 A					
DRCCB 5 ST 040-4/0,03-A	I Δ n = 0.03 A	7	1	09431502	223257
DRCCB 5 ST 040-4/0,30-A	I Δ n = 0.3 A	7	1	09432502	238312
63 A					
DRCCB 5 ST 063-4/0,03-A	I Δ n = 0.03 A	7	1	09441502	223264
DRCCB 5 ST 063-4/0,30-A	I Δ n = 0.3 A	7	1	09442502	238336

automatic, regular self-test without any interruption to the power supply.

Type A

residual current circuit-breaker DRCCB 5 STR, 2-pole



sensitive to pulsating and alternating currents Type A, short-time delayed

25 A					
DRCCB 5 STR 025-2/0,03-A	I Δ n = 0.03 A	5	1	09421503	223271

reclosing device with checking of the insulation resistance automatic, regular self-test without any interruption to the power supply.

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)

Type A

residual current circuit-breaker DRCCB 5 STR, 4-pole



sensitive to pulsating and alternating currents Type A, short-time delayed

25 A

DRCCB 5 STR 025-4/0,03-A	$I\Delta n = 0.03 \text{ A}$	7	1	09421504	223288
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40 A

DRCCB 5 STR 040-4/0,03-A	$I\Delta n = 0.03 \text{ A}$	7	1	09431504	223295
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DRCCB 5 STR 040-4/0,30-A	$I\Delta n = 0.3 \text{ A}$	7	1	09432504	238367
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63 A

DRCCB 5 STR 063-4/0,03-A	$I\Delta n = 0.03 \text{ A}$	7	1	09441504	223301
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DRCCB 5 STR 063-4/0,30-A	$I\Delta n = 0.3 \text{ A}$	7	1	09442504	238381
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reclosing device with checking of the insulation resistance automatic, regular self-test without any interruption to the power supply.

residual current circuit-breaker (RCCB)

mod. pack. article no. EAN
widths units (4014712...)

Type AC

residual current circuit-breaker DFS 2 AC, 2-pole



sensitive to residual currents Type AC

16 A

DFS 2 016-2/0,01-AC	I Δ n = 0.01 A	2	1/40	09112 602	068964
DFS 2 016-2/0,03-AC	I Δ n = 0.03 A	2	1/40	09114 602	068971
DFS 2 016-2/0,10-AC	I Δ n = 0.1 A	2	1/40	09115 602	068988
DFS 2 016-2/0,30-AC	I Δ n = 0.3 A	2	1/40	09116 602	068995
DFS 2 016-2/0,50-AC	I Δ n = 0.5 A	2	1/40	09117 602	069008

25 A

DFS 2 025-2/0,01-AC	I Δ n = 0.01 A	2	1/40	09122 602	069015
DFS 2 025-2/0,03-AC	I Δ n = 0.03 A	2	1/40	09124 602	069022
DFS 2 025-2/0,10-AC	I Δ n = 0.1 A	2	1/40	09125 602	069039
DFS 2 025-2/0,30-AC	I Δ n = 0.3 A	2	1/40	09126 602	069046
DFS 2 025-2/0,50-AC	I Δ n = 0.5 A	2	1/40	09127 602	069053

32 A

DFS 2 032-2/0,03-AC	I Δ n = 0.03 A	2	1/40	09134 632	107151
DFS 2 032-2/0,30-AC	I Δ n = 0.3 A	2	1/40	09136 632	218208

40 A

DFS 2 040-2/0,01-AC	I Δ n = 0.01 A	2	1/40	09132 602	069060
DFS 2 040-2/0,03-AC	I Δ n = 0.03 A	2	1/40	09134 602	069077
DFS 2 040-2/0,10-AC	I Δ n = 0.1 A	2	1/40	09135 602	069084
DFS 2 040-2/0,30-AC	I Δ n = 0.3 A	2	1/40	09136 602	069091
DFS 2 040-2/0,50-AC	I Δ n = 0.5 A	2	1/40	09137 602	069107

63 A

DFS 2 063-2/0,03-AC	I Δ n = 0.03 A	2	1/40	09144 602	069114
DFS 2 063-2/0,10-AC	I Δ n = 0.1 A	2	1/40	09145 602	069121
DFS 2 063-2/0,30-AC	I Δ n = 0.3 A	2	1/40	09146 602	069138
DFS 2 063-2/0,50-AC	I Δ n = 0.5 A	2	1/40	09147 602	069145

80 A

DFS 2 080-2/0,03-AC	I Δ n = 0.03 A	2	1/40	09154 602	069152
DFS 2 080-2/0,10-AC	I Δ n = 0.1 A	2	1/40	09155 602	069169
DFS 2 080-2/0,30-AC	I Δ n = 0.3 A	2	1/40	09156 602	069176
DFS 2 080-2/0,50-AC	I Δ n = 0.5 A	2	1/40	09157 602	069183

100 A

DFS 2 100-2/0,03-AC	I Δ n = 0.03 A	2	1/40	09164 602	069190
DFS 2 100-2/0,10-AC	I Δ n = 0.1 A	2	1/40	09165 602	069206
DFS 2 100-2/0,30-AC	I Δ n = 0.3 A	2	1/40	09166 602	069213
DFS 2 100-2/0,50-AC	I Δ n = 0.5 A	2	1/40	09167 602	069220

125 A

DFS 2 125-2/0,03-AC	I Δ n = 0.03 A	2	1/40	09174 602	086760
DFS 2 125-2/0,10-AC	I Δ n = 0.1 A	2	1/40	09175 602	086807
DFS 2 125-2/0,30-AC	I Δ n = 0.3 A	2	1/40	09176 602	086845
DFS 2 125-2/0,50-AC	I Δ n = 0.5 A	2	1/40	09177 602	086883

All devices also available in HD design.

Accessories: auxiliary switches DHI, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN
(4014712...)

Type AC

residual current circuit-breaker DFS 4 AC, 4-pole



sensitive to residual currents Type AC

16 A

DFS 4 016-4/0,01-AC	I Δ n = 0.01 A	4	1/20	09112902	090460
DFS 4 016-4/0,03-AC	I Δ n = 0.03 A	4	1/20	09114902	090484
DFS 4 016-4/0,10-AC	I Δ n = 0.1 A	4	1/20	09115902	151710
DFS 4 016-4/0,30-AC	I Δ n = 0.3 A	4	1/20	09116902	207981

25 A

DFS 4 025-4/0,01-AC	I Δ n = 0.01 A	4	1/20	09122902	090507
DFS 4 025-4/0,03-AC	I Δ n = 0.03 A	4	1/20	09124902	090521
DFS 4 025-4/0,10-AC	I Δ n = 0.1 A	4	1/20	09125902	090545
DFS 4 025-4/0,30-AC	I Δ n = 0.3 A	4	1/20	09126902	090569
DFS 4 025-4/0,50-AC	I Δ n = 0.5 A	4	1/20	09127902	090583

40 A

DFS 4 040-4/0,03-AC	I Δ n = 0.03 A	4	1/20	09134902	090606
DFS 4 040-4/0,10-AC	I Δ n = 0.1 A	4	1/20	09135902	090620
DFS 4 040-4/0,30-AC	I Δ n = 0.3 A	4	1/20	09136902	090644
DFS 4 040-4/0,50-AC	I Δ n = 0.5 A	4	1/20	09137902	090668

63 A

DFS 4 063-4/0,03-AC	I Δ n = 0.03 A	4	1/20	09144902	090682
DFS 4 063-4/0,10-AC	I Δ n = 0.1 A	4	1/20	09145902	090705
DFS 4 063-4/0,30-AC	I Δ n = 0.3 A	4	1/20	09146902	090729
DFS 4 063-4/0,50-AC	I Δ n = 0.5 A	4	1/20	09147902	090743

80 A

DFS 4 080-4/0,03-AC	I Δ n = 0.03 A	4	1/20	09154902	090767
DFS 4 080-4/0,10-AC	I Δ n = 0.1 A	4	1/20	09155902	090781
DFS 4 080-4/0,30-AC	I Δ n = 0.3 A	4	1/20	09156902	090804
DFS 4 080-4/0,50-AC	I Δ n = 0.5 A	4	1/20	09157902	090828

100 A

DFS 4 100-4/0,03-AC	I Δ n = 0.03 A	4	1/20	09164902	090842
DFS 4 100-4/0,10-AC	I Δ n = 0.1 A	4	1/20	09165902	090866
DFS 4 100-4/0,30-AC	I Δ n = 0.3 A	4	1/20	09166902	090880
DFS 4 100-4/0,50-AC	I Δ n = 0.5 A	4	1/20	09167902	090903

125 A

DFS 4 125-4/0,03-AC	I Δ n = 0.03 A	4	1/20	09174902	090927
DFS 4 125-4/0,10-AC	I Δ n = 0.1 A	4	1/20	09175902	090941
DFS 4 125-4/0,30-AC	I Δ n = 0.3 A	4	1/20	09176902	090965
DFS 4 125-4/0,50-AC	I Δ n = 0.5 A	4	1/20	09177902	090989

All devices also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod.	pack.	article no.	EAN
widths	units		(4014712...)

Type AC

residual current circuit-breaker DFS 2 AC S, 2-pole



sensitive to residual currents Type AC, selective

16 A

DFS 2 016-2/0,30-AC S	I Δ n = 0.3 A	2	1	09116 606	106864
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40 A

DFS 2 040-2/0,10-AC S	I Δ n = 0.1 A	2	1/40	09135 606	131354
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DFS 2 040-2/0,30-AC S	I Δ n = 0.3 A	2	1/40	09136 606	131378
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DFS 2 040-2/0,50-AC S	I Δ n = 0.5 A	2	1/40	09137 606	131392
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63 A

DFS 2 063-2/0,10-AC S	I Δ n = 0.1 A	2	1/40	09145 606	131415
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DFS 2 063-2/0,30-AC S	I Δ n = 0.3 A	2	1/40	09146 606	131439
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DFS 2 063-2/0,50-AC S	I Δ n = 0.5 A	2	1/40	09147 606	131453
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80 A

DFS 2 080-2/0,10-AC S	I Δ n = 0.1 A	2	1/40	09155 606	131477
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DFS 2 080-2/0,30-AC S	I Δ n = 0.3 A	2	1/40	09156 606	131491
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DFS 2 080-2/0,50-AC S	I Δ n = 0.5 A	2	1/40	09157 606	131514
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100 A

DFS 2 100-2/0,10-AC S	I Δ n = 0.1 A	2	1/40	09165 606	131538
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DFS 2 100-2/0,30-AC S	I Δ n = 0.3 A	2	1/40	09166 606	131552
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DFS 2 100-2/0,50-AC S	I Δ n = 0.5 A	2	1/40	09167 606	131576
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125 A

DFS 2 125-2/0,10-AC S	I Δ n = 0.1 A	2	1/40	09175 606	131590
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DFS 2 125-2/0,30-AC S	I Δ n = 0.3 A	2	1/40	09176 606	131613
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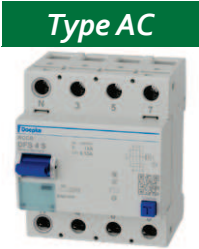
DFS 2 125-2/0,50-AC S	I Δ n = 0.5 A	2	1/40	09177 606	131637
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All devices also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)



Type AC

residual current circuit-breaker DFS 4 AC S, 4-pole



sensitive to residual currents Type AC, selective

16 A

DFS 4 016-4/0,10-AC S	I Δ n = 0.1 A	4	1/20	09115906	212107
DFS 4 016-4/0,30-AC S	I Δ n = 0.3 A	4	1/20	09116906	212060
DFS 4 016-4/0,50-AC S	I Δ n = 0.5 A	4	1/20	09117906	212022

25 A

DFS 4 025-4/0,10-AC S	I Δ n = 0.1 A	4	1/20	09125906	211988
DFS 4 025-4/0,30-AC S	I Δ n = 0.3 A	4	1/20	09126906	211940
DFS 4 025-4/0,50-AC S	I Δ n = 0.5 A	4	1/20	09127906	211902

40 A

DFS 4 040-4/0,10-AC S	I Δ n = 0.1 A	4	1/20	09135906	131750
DFS 4 040-4/0,30-AC S	I Δ n = 0.3 A	4	1/20	09136906	091726
DFS 4 040-4/0,50-AC S	I Δ n = 0.5 A	4	1/20	09137906	091740

63 A

DFS 4 063-4/0,10-AC S	I Δ n = 0.1 A	4	1/20	09145906	131774
DFS 4 063-4/0,30-AC S	I Δ n = 0.3 A	4	1/20	09146906	091801
DFS 4 063-4/0,50-AC S	I Δ n = 0.5 A	4	1/20	09147906	091825

80 A

DFS 4 080-4/0,10-AC S	I Δ n = 0.1 A	4	1/20	09155906	131798
DFS 4 080-4/0,30-AC S	I Δ n = 0.3 A	4	1/20	09156906	091887
DFS 4 080-4/0,50-AC S	I Δ n = 0.5 A	4	1/20	09157906	091900
DFS 4 080-4/1,00-AC S	I Δ n = 1 A	4	1/20	09158906	091023

100 A

DFS 4 100-4/0,10-AC S	I Δ n = 0.1 A	4	1/20	09165906	131811
DFS 4 100-4/0,30-AC S	I Δ n = 0.3 A	4	1/20	09166906	091962
DFS 4 100-4/0,50-AC S	I Δ n = 0.5 A	4	1/20	09167906	091986
DFS 4 100-4/1,00-AC S	I Δ n = 1 A	4	1/20	09168906	091047

125 A

DFS 4 125-4/0,10-AC S	I Δ n = 0.1 A	4	1/20	09175906	131835
DFS 4 125-4/0,30-AC S	I Δ n = 0.3 A	4	1/20	09176906	092044
DFS 4 125-4/0,50-AC S	I Δ n = 0.5 A	4	1/20	09177906	092068
DFS 4 125-4/1,00-AC S	I Δ n = 1 A	4	1/20	09178906	091061

All devices also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45



Type AC

residual current circuit-breaker DFS 4 AC S FT, 4-pole



sensitive to residual currents Type AC, with remote-tripping function, selective

63 A

DFS 4 063-4/0,50-AC S FT	I Δ n = 0.5 A	4.5	1	09147944	213937
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80 A

DFS 4 080-4/0,30-AC S FT	I Δ n = 0.3 A	4.5	1/10	09156944	151161
DFS 4 080-4/0,50-AC S FT	I Δ n = 0.5 A	4.5	1	09157944	158221

In the FT design, the connections of the internal test key are additionally wired to two terminals. This allows the option of activating the circuit-breaker test device using external switching contacts.

All devices also available in HD design and with N right.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)

Type AC

residual current circuit-breaker DFS 2 AC FT, 2-pole



sensitive to residual currents Type AC, with remote-tripping function

40 A

DFS 2 040-2/0,03-AC FT	I Δ n = 0.03 A	2.5	1/20	09134 622	213487
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100 A

DFS 2 100-2/0,03-AC FT	I Δ n = 0.03 A	2.5	1/20	09164 622	159679
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In the FT design, the connections of the internal test key are additionally wired to two terminals. This allows the option of activating the circuit-breaker test device using external switching contacts.

All devices also available in HD design.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

Type AC

residual current circuit-breaker DFS 4 AC FT, 4-pole



sensitive to residual currents Type AC, with remote-tripping function

16 A

DFS 4 016-4/0,03-AC FT	I Δ n = 0.03 A	4.5	1	09114 922	200609
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25 A

DFS 4 025-4/0,03-AC FT	I Δ n = 0.03 A	4.5	1	09124 922	200470
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40 A

DFS 4 040-4/0,03-AC FT	I Δ n = 0.03 A	4.5	1/10	09134 922	156920
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DFS 4 040-4/0,30-AC FT	I Δ n = 0.3 A	4.5	1	09136 922	160361
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DFS 4 040-4/0,50-AC FT	I Δ n = 0.5 A	4.5	1/10	09137 922	129245
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63 A

DFS 4 063-4/0,03-AC FT	I Δ n = 0.03 A	4.5	1/10	09144 922	200524
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DFS 4 063-4/0,30-AC FT	I Δ n = 0.3 A	4.5	1	09146 922	207028
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DFS 4 063-4/0,50-AC FT	I Δ n = 0.5 A	4.5	1/10	09147 922	121751
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80 A

DFS 4 080-4/0,03-AC FT	I Δ n = 0.03 A	4.5	1	09154 922	106871
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100 A

DFS 4 100-4/0,03-AC FT	I Δ n = 0.03 A	4.5	1/10	09164 922	159655
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DFS 4 100-4/0,30-AC FT	I Δ n = 0.3 A	4.5	1	09166 922	211872
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125 A

DFS 4 125-4/0,03-AC FT	I Δ n = 0.03 A	4.5	1/10	09174 922	200531
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In the FT design, the connections of the internal test key are additionally wired to two terminals. This allows the option of activating the circuit-breaker test device using external switching contacts.

All devices also available in HD design and with N right.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

Type AC

residual current circuit-breaker DFS 2 AC Hz, 2-pole



sensitive to residual currents Type AC, for frequencies \neq 50 Hz

16 A

DFS 2 016-2/0,03-AC Hz400	I Δ n = 0.03 A	2	1/40	09114 638	129627
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25 A

DFS 2 025-2/0,03-AC Hz400	I Δ n = 0.03 A	2	1/40	09124 638	138704
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40 A

DFS 2 040-2/0,03-AC Hz400	I Δ n = 0.03 A	2	1/40	09134 638	138681
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All devices also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)

Type AC

residual current circuit-breaker DFS 4 AC Hz, 4-pole



sensitive to residual currents Type AC, for frequencies \neq 50 Hz

25 A

DFS 4 025-4/0,03-AC Hz400	I Δ n = 0.03 A	4	1/20	09124938	149793
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40 A

DFS 4 040-4/0,50-AC Hz400	I Δ n = 0.5 A	4	1/20	09137938	137936
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All devices also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type AC

residual current circuit-breaker DFS 4 AC W, 2- and 3-pole



sensitive to residual currents Type AC, 16 2/3 Hz or 16 2/3 Hz - 60 Hz

40 A

DFS 4W 040-2/0,50-AC	I Δ n = 0.5 A	4	1/20	09137962	135499
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DFS 4W 040-3/0,50-AC	I Δ n = 0.5 A	4	1/20	09137964	135512
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63 A

DFS 4W 063-2/0,50-AC	I Δ n = 0.5 A	4	1/20	09147962	135550
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All devices also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type AC

residual current circuit-breaker DFS 4 AC W, 4-pole



sensitive to residual currents Type AC, 16 2/3 Hz or 16 2/3 Hz - 60 Hz, with auxiliary switch

40 A

DFS 4W 040-4/0,50-AC +DHi11	I Δ n = 0.5 A	4.5	1	09137966	135536
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DFS 4W 063-4/0,50-AC +DHi11	I Δ n = 0.5 A	4.5	1/10	09147966	136908
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All devices also available in HD design.

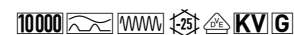
Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)

Type F

residual current circuit-breaker DFS 2 F, 2-pole



sensitive to residual currents Type F, short-time delayed, lightning resistant

16 A

DFS 2 016-2/0,03-F	I Δ n = 0.03 A	2	1/40	09114 020	212572
DFS 2 016-2/0,10-F	I Δ n = 0.1 A	2	1/40	09115 020	212596
DFS 2 016-2/0,30-F	I Δ n = 0.3 A	2	1/40	09116 020	213449
DFS 2 016-2/0,50-F	I Δ n = 0.5 A	2	1/40	09117 020	212619

25 A

DFS 2 025-2/0,03-F	I Δ n = 0.03 A	2	1/40	09124 020	212633
DFS 2 025-2/0,10-F	I Δ n = 0.1 A	2	1/40	09125 020	212657
DFS 2 025-2/0,30-F	I Δ n = 0.3 A	2	1/40	09126 020	212671
DFS 2 025-2/0,50-F	I Δ n = 0.5 A	2	1/40	09127 020	212695

40 A

DFS 2 040-2/0,03-F	I Δ n = 0.03 A	2	1/40	09134 020	212718
DFS 2 040-2/0,10-F	I Δ n = 0.1 A	2	1/40	09135 020	212732
DFS 2 040-2/0,30-F	I Δ n = 0.3 A	2	1/40	09136 020	212756
DFS 2 040-2/0,50-F	I Δ n = 0.5 A	2	1/40	09137 020	212770

63 A

DFS 2 063-2/0,03-F	I Δ n = 0.03 A	2	1/40	09144 020	212794
DFS 2 063-2/0,10-F	I Δ n = 0.1 A	2	1/40	09145 020	212817
DFS 2 063-2/0,30-F	I Δ n = 0.3 A	2	1/40	09146 020	212831
DFS 2 063-2/0,50-F	I Δ n = 0.5 A	2	1/40	09147 020	212855

80 A

DFS 2 080-2/0,03-F	I Δ n = 0.03 A	2	1/40	09154 020	212879
DFS 2 080-2/0,10-F	I Δ n = 0.1 A	2	1/40	09155 020	212893
DFS 2 080-2/0,30-F	I Δ n = 0.3 A	2	1/40	09156 020	212916
DFS 2 080-2/0,50-F	I Δ n = 0.5 A	2	1/40	09157 020	212930

100 A

DFS 2 100-2/0,03-F	I Δ n = 0.03 A	2	1/40	09164 020	212954
DFS 2 100-2/0,10-F	I Δ n = 0.1 A	2	1/40	09165 020	212978
DFS 2 100-2/0,30-F	I Δ n = 0.3 A	2	1/40	09166 020	212992
DFS 2 100-2/0,50-F	I Δ n = 0.5 A	2	1/40	09167 020	213012

125 A

DFS 2 125-2/0,03-F	I Δ n = 0.03 A	2	1/40	09174 020	213036
DFS 2 125-2/0,10-F	I Δ n = 0.1 A	2	1/40	09175 020	213050
DFS 2 125-2/0,30-F	I Δ n = 0.3 A	2	1/40	09176 020	213074
DFS 2 125-2/0,50-F	I Δ n = 0.5 A	2	1/40	09177 020	213098

All devices also available in HD design.

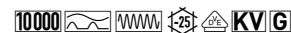
Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)

Type F

residual current circuit-breaker DFS 4 F, 4-pole



sensitive to residual currents Type F, short-time delayed, lightning resistant

16 A

DFS 4 016-4/0,03-F	I Δ n = 0.03 A	4	1/20	09114 820	212169
DFS 4 016-4/0,10-F	I Δ n = 0.1 A	4	1/20	09115 820	212183
DFS 4 016-4/0,30-F	I Δ n = 0.3 A	4	1/20	09116 820	212206
DFS 4 016-4/0,50-F	I Δ n = 0.5 A	4	1/20	09117 820	212220

25 A

DFS 4 025-4/0,03-F	I Δ n = 0.03 A	4	1/20	09124 820	212244
DFS 4 025-4/0,10-F	I Δ n = 0.1 A	4	1/20	09125 820	212268
DFS 4 025-4/0,30-F	I Δ n = 0.3 A	4	1/20	09126 820	212282
DFS 4 025-4/0,50-F	I Δ n = 0.5 A	4	1/20	09127 820	212305

40 A

DFS 4 040-4/0,03-F	I Δ n = 0.03 A	4	1/20	09134 820	212329
DFS 4 040-4/0,10-F	I Δ n = 0.1 A	4	1/20	09135 820	212343
DFS 4 040-4/0,30-F	I Δ n = 0.3 A	4	1/20	09136 820	212367
DFS 4 040-4/0,50-F	I Δ n = 0.5 A	4	1/20	09137 820	212381

63 A

DFS 4 063-4/0,03-F	I Δ n = 0.03 A	4	1/20	09144 820	212404
DFS 4 063-4/0,10-F	I Δ n = 0.1 A	4	1/20	09145 820	212428
DFS 4 063-4/0,30-F	I Δ n = 0.3 A	4	1/20	09146 820	212442
DFS 4 063-4/0,50-F	I Δ n = 0.5 A	4	1/20	09147 820	212466

80 A

DFS 4 080-4/0,03-F	I Δ n = 0.03 A	4	1/20	09154 820	212497
DFS 4 080-4/0,10-F	I Δ n = 0.1 A	4	1/20	09155 820	212510
DFS 4 080-4/0,30-F	I Δ n = 0.3 A	4	1/20	09156 820	212534
DFS 4 080-4/0,50-F	I Δ n = 0.5 A	4	1/20	09157 820	212558

100 A

DFS 4 100-4/0,03-F	I Δ n = 0.03 A	4	1/20	09164 820	213111
DFS 4 100-4/0,10-F	I Δ n = 0.1 A	4	1/20	09165 820	213135
DFS 4 100-4/0,30-F	I Δ n = 0.3 A	4	1/20	09166 820	213159
DFS 4 100-4/0,50-F	I Δ n = 0.5 A	4	1/20	09167 820	213173

125 A

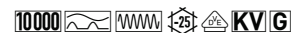
DFS 4 125-4/0,03-F	I Δ n = 0.03 A	4	1/20	09174 820	213197
DFS 4 125-4/0,10-F	I Δ n = 0.1 A	4	1/20	09175 820	213210
DFS 4 125-4/0,30-F	I Δ n = 0.3 A	4	1/20	09176 820	213234
DFS 4 125-4/0,50-F	I Δ n = 0.5 A	4	1/20	09177 820	213258

All devices also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type F

residual current circuit-breaker DFS 2 F Audio, 2-pole



sensitive to residual currents Type F, short-time delayed, lightning resistant

40 A

DFS 2 040-2/0,03-F Audio	I Δ n = 0.03 A	2	1/4	09134 046	242838
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Extremely low-impedance design for high-quality audiophile components, reduced loss of sound. Also available as a 60 Hz version.

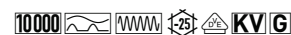
Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)

Type F

residual current circuit-breaker DFS 4 F Audio, 4-pole



sensitive to residual currents Type F, short-time delayed, lightning resistant

63 A

DFS 4 063-4/0,03-F Audio	I Δ n = 0.03 A	4	1/20	09144 846	242876
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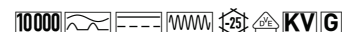
Extremely low-impedance design for high-quality audiophile components, reduced loss of sound. Also available as a 60 Hz version.

All devices also available with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type B

residual current circuit-breaker DFS 2 B SK, 2-pole



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant

16 A

DFS 2 016-2/0,03-B SK	I Δ n = 0.03 A	2	1/40	09114 598	241763
DFS 2 016-2/0,10-B SK	I Δ n = 0.1 A	2	1/40	09115 598	244849
DFS 2 016-2/0,30-B SK	I Δ n = 0.3 A	2	1/40	09116 598	242586

25 A

DFS 2 025-2/0,03-B SK	I Δ n = 0.03 A	2	1/40	09124 598	241749
DFS 2 025-2/0,10-B SK	I Δ n = 0.1 A	2	1/40	09125 598	244863
DFS 2 025-2/0,30-B SK	I Δ n = 0.3 A	2	1/40	09126 598	241640

40 A

DFS 2 040-2/0,03-B SK	I Δ n = 0.03 A	2	1/40	09134 598	241725
DFS 2 040-2/0,10-B SK	I Δ n = 0.1 A	2	1/40	09135 598	244887
DFS 2 040-2/0,30-B SK	I Δ n = 0.3 A	2	1/40	09136 598	241664

63 A

DFS 2 063-2/0,03-B SK	I Δ n = 0.03 A	2	1/40	09144 598	241701
DFS 2 063-2/0,10-B SK	I Δ n = 0.1 A	2	1/40	09145 598	244900
DFS 2 063-2/0,30-B SK	I Δ n = 0.3 A	2	1/40	09146 598	241688

80 A

DFS 2 080-2/0,03-B SK	I Δ n = 0.03 A	2	1/40	09154 598	243040
DFS 2 080-2/0,10-B SK	I Δ n = 0.1 A	2	1/40	09155 598	244924
DFS 2 080-2/0,30-B SK	I Δ n = 0.3 A	2	1/40	09156 598	243026

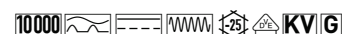
Tripping current frequency response with extended frequency range up to 150 kHz, higher tripping threshold of 3 A compared to DFS 2/4 B NK for frequencies > 1 kHz. Non-response lag time 10 ms.

All devices are also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type B

residual current circuit-breaker DFS 4 B SK, 2-pole



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant

100 A

DFS 4 100-2/0,03-B SK	I Δ n = 0.03 A	4	1/20	09164 698	157552
DFS 4 100-2/0,10-B SK	I Δ n = 0.1 A	4	1/20	09165 698	157576
DFS 4 100-2/0,30-B SK	I Δ n = 0.3 A	4	1/20	09166 698	158146
DFS 4 100-2/0,50-B SK	I Δ n = 0.5 A	4	1/20	09167 698	157590

125 A

DFS 4 125-2/0,03-B SK	I Δ n = 0.03 A	4	1/20	09174 698	153066
DFS 4 125-2/0,10-B SK	I Δ n = 0.1 A	4	1/20	09175 698	157613
DFS 4 125-2/0,30-B SK	I Δ n = 0.3 A	4	1/20	09176 698	157637
DFS 4 125-2/0,50-B SK	I Δ n = 0.5 A	4	1/20	09177 698	157651

Tripping current frequency response with extended frequency range up to 150 kHz, higher tripping threshold of 3 A compared to DFS 2/4 B NK for frequencies > 1 kHz. Non-response lag time 10 ms.

All devices are also available in HD design.

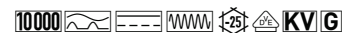
Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. article no. EAN
widths units (4014712...)

Type B

residual current circuit-breaker DFS 4 B SK, 4-pole



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant

16 A

DFS 4 016-4/0,03-B SK	I Δ n = 0.03 A	4	1/20	09114998	148383
DFS 4 016-4/0,10-B SK	I Δ n = 0.1 A	4	1/20	09115998	148406
DFS 4 016-4/0,30-B SK	I Δ n = 0.3 A	4	1/20	09116998	148420
DFS 4 016-4/0,50-B SK	I Δ n = 0.5 A	4	1/20	09117998	148444

25 A

DFS 4 025-4/0,03-B SK	I Δ n = 0.03 A	4	1/20	09124998	148468
DFS 4 025-4/0,10-B SK	I Δ n = 0.1 A	4	1/20	09125998	148482
DFS 4 025-4/0,30-B SK	I Δ n = 0.3 A	4	1/20	09126998	148505
DFS 4 025-4/0,50-B SK	I Δ n = 0.5 A	4	1/20	09127998	148529

40 A

DFS 4 040-4/0,03-B SK	I Δ n = 0.03 A	4	1/20	09134998	148543
DFS 4 040-4/0,10-B SK	I Δ n = 0.1 A	4	1/20	09135998	148567
DFS 4 040-4/0,30-B SK	I Δ n = 0.3 A	4	1/20	09136998	148581
DFS 4 040-4/0,50-B SK	I Δ n = 0.5 A	4	1/20	09137998	148604

63 A

DFS 4 063-4/0,03-B SK	I Δ n = 0.03 A	4	1/20	09144998	148628
DFS 4 063-4/0,10-B SK	I Δ n = 0.1 A	4	1/20	09145998	148642
DFS 4 063-4/0,30-B SK	I Δ n = 0.3 A	4	1/20	09146998	148666
DFS 4 063-4/0,50-B SK	I Δ n = 0.5 A	4	1/20	09147998	148680

80 A

DFS 4 080-4/0,03-B SK	I Δ n = 0.03 A	4	1/20	09154998	148703
DFS 4 080-4/0,10-B SK	I Δ n = 0.1 A	4	1/20	09155998	148727
DFS 4 080-4/0,30-B SK	I Δ n = 0.3 A	4	1/20	09156998	148741
DFS 4 080-4/0,50-B SK	I Δ n = 0.5 A	4	1/20	09157998	148765

100 A

DFS 4 100-4/0,03-B SK	I Δ n = 0.03 A	4	1/20	09164998	148789
DFS 4 100-4/0,10-B SK	I Δ n = 0.1 A	4	1/20	09165998	148802
DFS 4 100-4/0,30-B SK	I Δ n = 0.3 A	4	1/20	09166998	148826
DFS 4 100-4/0,50-B SK	I Δ n = 0.5 A	4	1/20	09167998	148840

125 A

DFS 4 125-4/0,03-B SK	I Δ n = 0.03 A	4	1/20	09174998	149359
DFS 4 125-4/0,10-B SK	I Δ n = 0.1 A	4	1/20	09175998	149373
DFS 4 125-4/0,30-B SK	I Δ n = 0.3 A	4	1/20	09176998	148864
DFS 4 125-4/0,50-B SK	I Δ n = 0.5 A	4	1/20	09177998	148888

Tripping current frequency response with extended frequency range up to 150 kHz, higher tripping threshold of 3 A compared to DFS 2/4 B NK for frequencies > 1 kHz. Non-response lag time 10 ms.

All devices are also available in HD design and up to 80 A with N right.

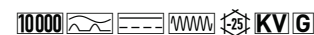
Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)

Type B

residual current circuit-breaker DFS 4 B SK MI, 4-pole



AC/DC sensitive type B, increased surge-current resistant, short-time delayed, lightning resistant, for mobile installations

16 A

DFS 4 016-4/0,03-B SK MI	I Δ n = 0.03 A	4	1/20	09114892	223592
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25 A

DFS 4 025-4/0,03-B SK MI	I Δ n = 0.03 A	4	1/20	09124892	223615
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40 A

DFS 4 040-4/0,03-B SK MI	I Δ n = 0.03 A	4	1/20	09134892	223639
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63 A

DFS 4 063-4/0,03-B SK MI	I Δ n = 0.03 A	4	1/20	09144892	223653
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80 A

DFS 4 080-4/0,03-B SK MI	I Δ n = 0.03 A	4	1/20	09154892	249721
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DFS 4 080-4/0,30-B SK MI	I Δ n = 0.3 A	4	1/20	09156892	247864
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Tripping current frequency response with extended frequency range up to 150 kHz, higher tripping threshold of 3 A compared to DFS 2/4 B NK for frequencies > 1 kHz. Non-response lag time 10 ms, with DC tripping threshold 6 mA. All devices are also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type B

residual current circuit-breaker DFS 4 B SK S, 4-pole



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, lightning resistant, selective

40 A

DFS 4 040-4/0,30-B SK S	I Δ n = 0.3 A	4	1/20	09136999	149397
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DFS 4 040-4/0,50-B SK S	I Δ n = 0.5 A	4	1/20	09137999	149410
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63 A

DFS 4 063-4/0,30-B SK S	I Δ n = 0.3 A	4	1/20	09146999	149434
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DFS 4 063-4/0,50-B SK S	I Δ n = 0.5 A	4	1/20	09147999	149458
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80 A

DFS 4 080-4/0,30-B SK S	I Δ n = 0.3 A	4	1/20	09156999	149472
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DFS 4 080-4/0,50-B SK S	I Δ n = 0.5 A	4	1/20	09157999	149496
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100 A

DFS 4 100-4/0,30-B SK S	I Δ n = 0.3 A	4	1/20	09166999	149519
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DFS 4 100-4/0,50-B SK S	I Δ n = 0.5 A	4	1/20	09167999	149533
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125 A

DFS 4 125-4/0,30-B SK S	I Δ n = 0.3 A	4	1/20	09176999	149557
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DFS 4 125-4/0,50-B SK S	I Δ n = 0.5 A	4	1/20	09177999	149571
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Tripping current frequency response with extended frequency range up to 150 kHz, higher tripping threshold of 3 A compared to DFS 2/4 B NK for frequencies > 1 kHz. Non-response lag time 50 ms.

All devices are also available in HD design and up to 80 A with N right.

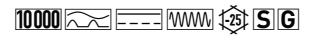
Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. article no. EAN
widths units (4014712...)

Type B

residual current circuit-breaker DFS 4 B SK S V, 4-pole



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, lightning resistant, selective, for special voltages 500 V

40 A

DFS 4 040-4/0,30-B SK S V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09136982	156715
DFS 4 040-4/0,50-B SK S V500	$I_{\Delta n} = 0.5 \text{ A}$	4	1/20	09137982	156739

63 A

DFS 4 063-4/0,30-B SK S V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09146982	156753
DFS 4 063-4/0,50-B SK S V500	$I_{\Delta n} = 0.5 \text{ A}$	4	1/20	09147982	156777

80 A

DFS 4 080-4/0,30-B SK S V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09156982	156791
DFS 4 080-4/0,50-B SK S V500	$I_{\Delta n} = 0.5 \text{ A}$	4	1/20	09157982	156814

100 A

DFS 4 100-4/0,30-B SK S V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09166982	156838
DFS 4 100-4/0,50-B SK S V500	$I_{\Delta n} = 0.5 \text{ A}$	4	1/20	09167982	156852

125 A

DFS 4 125-4/0,30-B SK S V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09176982	156876
DFS 4 125-4/0,50-B SK S V500	$I_{\Delta n} = 0.5 \text{ A}$	4	1/20	09177982	156890

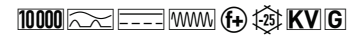
Tripping current frequency response with extended frequency range up to 150 kHz, higher tripping threshold of 3 A compared to DFS 2/4 B NK for frequencies > 1 kHz. Non-response lag time 50 ms.

All devices are also available in HD design and up to 80 A with N right. Other special voltages on request.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type B

residual current circuit-breaker DFS 4 B SK NA, 4-pole



AC/DC sensitive type B, increased surge-current resistant, short-time delayed, lightning resistant, emergency switching-off function

16 A

DFS 4 016-4/0,03-B SK NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09114861	224094
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25 A

DFS 4 025-4/0,03-B SK NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09124861	224117
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40 A

DFS 4 040-4/0,03-B SK NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09134861	224124
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63 A

DFS 4 063-4/0,03-B SK NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09144861	224148
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80 A

DFS 4 080-4/0,03-B SK NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09154861	270282
DFS 4 080-4/0,30-B SK NA	$I_{\Delta n} = 0.3 \text{ A}$	4.5	1/16	09156861	283336

100 A

DFS 4 100-4/0,03-B SK NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09164861	270305
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125 A

DFS 4 125-4/0,03-B SK NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09174861	225589
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DFS with emergency switching-off function ('NA' variant) make it possible to connect corresponding control elements, e. g. push-buttons for disconnecting the RCCB in emergency situations.

All devices are also available in HD design and up to 80 A with N right.

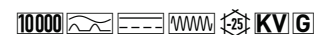
Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES, auxiliary switches DHi, automatic reclosing devices DFA
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. article no. EAN
widths units (4014712...)

Type B

residual current circuit-breaker DFS 4 B SK V, 4-pole



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, for special voltages 500 V

16 A

DFS 4 016-4/0,03-B SK V500	I Δ n = 0.03 A	4	1/20	09114984	156197
DFS 4 016-4/0,10-B SK V500	I Δ n = 0.1 A	4	1/20	09115984	156210
DFS 4 016-4/0,30-B SK V500	I Δ n = 0.3 A	4	1/20	09116984	156234
DFS 4 016-4/0,50-B SK V500	I Δ n = 0.5 A	4	1/20	09117984	156258

25 A

DFS 4 025-4/0,03-B SK V500	I Δ n = 0.03 A	4	1/20	09124984	156272
DFS 4 025-4/0,10-B SK V500	I Δ n = 0.1 A	4	1/20	09125984	156296
DFS 4 025-4/0,30-B SK V500	I Δ n = 0.3 A	4	1/20	09126984	156319
DFS 4 025-4/0,50-B SK V500	I Δ n = 0.5 A	4	1/20	09127984	156333

40 A

DFS 4 040-4/0,03-B SK V500	I Δ n = 0.03 A	4	1/20	09134984	156357
DFS 4 040-4/0,10-B SK V500	I Δ n = 0.1 A	4	1/20	09135984	156371
DFS 4 040-4/0,30-B SK V500	I Δ n = 0.3 A	4	1/20	09136984	156395
DFS 4 040-4/0,50-B SK V500	I Δ n = 0.5 A	4	1/20	09137984	156418

63 A

DFS 4 063-4/0,03-B SK V500	I Δ n = 0.03 A	4	1/20	09144984	154421
DFS 4 063-4/0,10-B SK V500	I Δ n = 0.1 A	4	1/20	09145984	156432
DFS 4 063-4/0,30-B SK V500	I Δ n = 0.3 A	4	1/20	09146984	156456
DFS 4 063-4/0,50-B SK V500	I Δ n = 0.5 A	4	1/20	09147984	156470

80 A

DFS 4 080-4/0,03-B SK V500	I Δ n = 0.03 A	4	1/20	09154984	156494
DFS 4 080-4/0,10-B SK V500	I Δ n = 0.1 A	4	1/20	09155984	156517
DFS 4 080-4/0,30-B SK V500	I Δ n = 0.3 A	4	1/20	09156984	156531
DFS 4 080-4/0,50-B SK V500	I Δ n = 0.5 A	4	1/20	09157984	156555

100 A

DFS 4 100-4/0,03-B SK V500	I Δ n = 0.03 A	4	1/20	09164984	156579
DFS 4 100-4/0,10-B SK V500	I Δ n = 0.1 A	4	1/20	09165984	156593
DFS 4 100-4/0,30-B SK V500	I Δ n = 0.3 A	4	1/20	09166984	156616
DFS 4 100-4/0,50-B SK V500	I Δ n = 0.5 A	4	1/20	09167984	156630

125 A

DFS 4 125-4/0,03-B SK V500	I Δ n = 0.03 A	4	1/20	09174984	158634
DFS 4 125-4/0,10-B SK V500	I Δ n = 0.1 A	4	1/20	09175984	156654
DFS 4 125-4/0,30-B SK V500	I Δ n = 0.3 A	4	1/20	09176984	156678
DFS 4 125-4/0,50-B SK V500	I Δ n = 0.5 A	4	1/20	09177984	156692

Tripping current frequency response with extended frequency range up to 150 kHz, higher tripping threshold of 3 A compared to DFS 2/4 B NK for frequencies > 1 kHz. Non-response lag time 10 ms.

All devices are also available in HD design and up to 80 A with N right. Other special voltages on request.

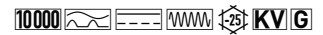
Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. article no. EAN
widths units (4014712...)

Type B

residual current circuit-breaker DFS 4 B SK ISO HD, 4-pole



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, for harsh environments, compliant

40 A

DFS 4 040-4/0,03-B SK ISO HD $I_{\Delta n} = 0.03 \text{ A}$	NEW	4	1/20	09134848HD	264717
DFS 4 040-4/0,30-B SK ISO HD $I_{\Delta n} = 0.3 \text{ A}$	NEW	4	1/20	09136848HD	270848

63 A

DFS 4 063-4/0,03-B SK ISO HD $I_{\Delta n} = 0.03 \text{ A}$	NEW	4	1/20	09144848HD	264731
DFS 4 063-4/0,30-B SK ISO HD $I_{\Delta n} = 0.3 \text{ A}$	NEW	4	1/20	09146848HD	264755
DFS 4 063-4/0,50-B SK ISO HD $I_{\Delta n} = 0.5 \text{ A}$	NEW	4	1/20	09147848HD	264779

An insulation test of up to 1000 V can be carried out without the need to disconnect beforehand in the ISO HD design. Tripping frequency response with extended frequency range up to 150 kHz, in comparison with the DFS 2/4 B NK increased tripping threshold of 3 A for frequencies > 1 kHz. Limit response delay 10 ms.

All devices are also available with N right.

Accessories: auxiliary switches DHI, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type B+

residual current circuit-breaker DFS 2 B+, 2-pole



AC/DC sensitive type B+, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 20 kHz

16 A

DFS 2 016-2/0,03-B+	$I_{\Delta n} = 0.03 \text{ A}$	2	1/40	09114596	244962
DFS 2 016-2/0,10-B+	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09115596	245143
DFS 2 016-2/0,30-B+	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09116596	245167

25 A

DFS 2 025-2/0,03-B+	$I_{\Delta n} = 0.03 \text{ A}$	2	1/40	09124596	244986
DFS 2 025-2/0,10-B+	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09125596	245129
DFS 2 025-2/0,30-B+	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09126596	245181

40 A

DFS 2 040-2/0,03-B+	$I_{\Delta n} = 0.03 \text{ A}$	2	1/40	09134596	245006
DFS 2 040-2/0,10-B+	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09135596	245105
DFS 2 040-2/0,30-B+	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09136596	245204

63 A

DFS 2 063-2/0,03-B+	$I_{\Delta n} = 0.03 \text{ A}$	2	1/40	09144596	245020
DFS 2 063-2/0,10-B+	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09145596	245082
DFS 2 063-2/0,30-B+	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09146596	245228

80 A

DFS 2 080-2/0,03-B+	$I_{\Delta n} = 0.03 \text{ A}$	2	1/40	09154596	245044
DFS 2 080-2/0,10-B+	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09155596	245068
DFS 2 080-2/0,30-B+	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09156596	245242

Tripping current frequency response with extended frequency range up to 20 kHz, higher tripping threshold of 420 mA compared to DFS 2/4 B NK, non-response lag time 10 ms.

All devices are also available in HD design.

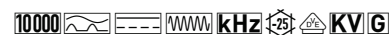
Accessories: auxiliary switches DHI, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)

Type B+

residual current circuit-breaker DFS 4 B+, 2-pole



AC/DC sensitive type B+, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 20 kHz

100 A

DFS 4 100-2/0,03-B+	I Δ n = 0.03 A	4	1/20	09164 095	203839
DFS 4 100-2/0,10-B+	I Δ n = 0.1 A	4	1/20	09165 095	203853
DFS 4 100-2/0,30-B+	I Δ n = 0.3 A	4	1/20	09166 095	203877

125 A

DFS 4 125-2/0,03-B+	I Δ n = 0.03 A	4	1/20	09174 095	203891
DFS 4 125-2/0,10-B+	I Δ n = 0.1 A	4	1/20	09175 095	203914
DFS 4 125-2/0,30-B+	I Δ n = 0.3 A	4	1/20	09176 095	203938

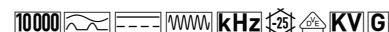
Tripping current frequency response with extended frequency range up to 20 kHz, higher tripping threshold of 420 mA compared to DFS 2/4 B NK, non-response lag time 10 ms.

All devices are also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type B+

residual current circuit-breaker DFS 4 B+, 4-pole



AC/DC sensitive type B+, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 20 kHz

16 A

DFS 4 016-4/0,03-B+	I Δ n = 0.03 A	4	1/20	09114 895	203112
DFS 4 016-4/0,10-B+	I Δ n = 0.1 A	4	1/20	09115 895	203136
DFS 4 016-4/0,30-B+	I Δ n = 0.3 A	4	1/20	09116 895	203150

25 A

DFS 4 025-4/0,03-B+	I Δ n = 0.03 A	4	1/20	09124 895	203174
DFS 4 025-4/0,10-B+	I Δ n = 0.1 A	4	1/20	09125 895	203198
DFS 4 025-4/0,30-B+	I Δ n = 0.3 A	4	1/20	09126 895	203211

40 A

DFS 4 040-4/0,03-B+	I Δ n = 0.03 A	4	1/20	09134 895	203235
DFS 4 040-4/0,10-B+	I Δ n = 0.1 A	4	1/20	09135 895	203259
DFS 4 040-4/0,30-B+	I Δ n = 0.3 A	4	1/20	09136 895	203273

63 A

DFS 4 063-4/0,03-B+	I Δ n = 0.03 A	4	1/20	09144 895	203297
DFS 4 063-4/0,10-B+	I Δ n = 0.1 A	4	1/20	09145 895	203310
DFS 4 063-4/0,30-B+	I Δ n = 0.3 A	4	1/20	09146 895	203334

80 A

DFS 4 080-4/0,03-B+	I Δ n = 0.03 A	4	1/20	09154 895	203358
DFS 4 080-4/0,10-B+	I Δ n = 0.1 A	4	1/20	09155 895	203372
DFS 4 080-4/0,30-B+	I Δ n = 0.3 A	4	1/20	09156 895	203396

100 A

DFS 4 100-4/0,03-B+	I Δ n = 0.03 A	4	1/20	09164 895	203419
DFS 4 100-4/0,10-B+	I Δ n = 0.1 A	4	1/20	09165 895	203433
DFS 4 100-4/0,30-B+	I Δ n = 0.3 A	4	1/20	09166 895	203457

125 A

DFS 4 125-4/0,03-B+	I Δ n = 0.03 A	4	1/20	09174 895	203471
DFS 4 125-4/0,10-B+	I Δ n = 0.1 A	4	1/20	09175 895	203495
DFS 4 125-4/0,30-B+	I Δ n = 0.3 A	4	1/20	09176 895	203518

Tripping current frequency response with extended frequency range up to 20 kHz, higher tripping threshold of 420 mA compared to DFS 2/4 B NK, non-response lag time 10 ms.

All devices are also available in HD design and up to 80 A with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. article no. EAN
widths units (4014712...)

Type B+

residual current circuit-breaker DFS 4 B+ MI, 4-pole

10000 kHz



AC/DC sensitive type B+, for mobile installations

16 A

DFS 4 016-4/0,03-B+ MI	I Δ n = 0.03 A	4	1/20	09114 889	217966
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25 A

DFS 4 025-4/0,03-B+ MI	I Δ n = 0.03 A	4	1/20	09124 889	217980
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40 A

DFS 4 040-4/0,03-B+ MI	I Δ n = 0.03 A	4	1/20	09134 889	218000
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63 A

DFS 4 063-4/0,03-B+ MI	I Δ n = 0.03 A	4	1/20	09144 889	218024
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Tripping current frequency response with extended frequency range up to 20 kHz, higher tripping threshold of 420 mA compared to DFS 2/4 B NK, non-response lag time 10 ms, with DC tripping threshold 6 mA.

All devices are also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type B

residual current circuit-breaker DFS 2 B NK, 2-pole

10000 kHz



AC/DC sensitive type B, for installations with PV inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 150 kHz

16 A

DFS 2 016-2/0,03-B NK	I Δ n = 0.03 A	2	1/40	09114 595	242609
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DFS 2 016-2/0,10-B NK	I Δ n = 0.1 A	2	1/40	09115 595	244740
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DFS 2 016-2/0,30-B NK	I Δ n = 0.3 A	2	1/40	09116 595	242746
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25 A

DFS 2 025-2/0,03-B NK	I Δ n = 0.03 A	2	1/40	09124 595	242623
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DFS 2 025-2/0,10-B NK	I Δ n = 0.1 A	2	1/40	09125 595	244764
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DFS 2 025-2/0,30-B NK	I Δ n = 0.3 A	2	1/40	09126 595	242722
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40 A

DFS 2 040-2/0,03-B NK	I Δ n = 0.03 A	2	1/40	09134 595	242647
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DFS 2 040-2/0,10-B NK	I Δ n = 0.1 A	2	1/40	09135 595	244788
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DFS 2 040-2/0,30-B NK	I Δ n = 0.3 A	2	1/40	09136 595	242708
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63 A

DFS 2 063-2/0,03-B NK	I Δ n = 0.03 A	2	1/40	09144 595	242661
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DFS 2 063-2/0,10-B NK	I Δ n = 0.1 A	2	1/40	09145 595	244801
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DFS 2 063-2/0,30-B NK	I Δ n = 0.3 A	2	1/40	09146 595	242685
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80 A

DFS 2 080-2/0,03-B NK	I Δ n = 0.03 A	2	1/40	09154 595	243064
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DFS 2 080-2/0,10-B NK	I Δ n = 0.1 A	2	1/40	09155 595	244825
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DFS 2 080-2/0,30-B NK	I Δ n = 0.3 A	2	1/40	09156 595	243088
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Tripping current frequency response with extended frequency range up to 150 kHz at max. conventional tripping current of 300 mA, non-response lag time 10 ms.

All devices are also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units article no. EAN (4014712...)

Type B

residual current circuit-breaker DFS 4 B NK, 2-pole

10000



AC/DC sensitive type B, for installations with PV inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 150 kHz

100 A

DFS 4 100-2/0,03-B NK	I Δ n = 0.03 A	4	1/20	09164 695	157279
DFS 4 100-2/0,10-B NK	I Δ n = 0.1 A	4	1/20	09165 695	157293
DFS 4 100-2/0,30-B NK	I Δ n = 0.3 A	4	1/20	09166 695	157095

125 A

DFS 4 125-2/0,03-B NK	I Δ n = 0.03 A	4	1/20	09174 695	157330
DFS 4 125-2/0,10-B NK	I Δ n = 0.1 A	4	1/20	09175 695	157354
DFS 4 125-2/0,30-B NK	I Δ n = 0.3 A	4	1/20	09176 695	157378

Tripping current frequency response with extended frequency range up to 150 kHz at max. conventional tripping current of 300 mA, non-response lag time 10 ms.

All devices are also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type B

residual current circuit-breaker DFS 4 B NK, 4-pole

10000



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 150 kHz

16 A

DFS 4 016-4/0,03-B NK	I Δ n = 0.03 A	4	1/20	09114 995	139237
DFS 4 016-4/0,10-B NK	I Δ n = 0.1 A	4	1/20	09115 995	139251
DFS 4 016-4/0,30-B NK	I Δ n = 0.3 A	4	1/20	09116 995	139275

25 A

DFS 4 025-4/0,03-B NK	I Δ n = 0.03 A	4	1/20	09124 995	139312
DFS 4 025-4/0,10-B NK	I Δ n = 0.1 A	4	1/20	09125 995	139336
DFS 4 025-4/0,30-B NK	I Δ n = 0.3 A	4	1/20	09126 995	139350

40 A

DFS 4 040-4/0,03-B NK	I Δ n = 0.03 A	4	1/20	09134 995	139398
DFS 4 040-4/0,10-B NK	I Δ n = 0.1 A	4	1/20	09135 995	139411
DFS 4 040-4/0,30-B NK	I Δ n = 0.3 A	4	1/20	09136 995	139435

63 A

DFS 4 063-4/0,03-B NK	I Δ n = 0.03 A	4	1/20	09144 995	139473
DFS 4 063-4/0,10-B NK	I Δ n = 0.1 A	4	1/20	09145 995	139497
DFS 4 063-4/0,30-B NK	I Δ n = 0.3 A	4	1/20	09146 995	139510

80 A

DFS 4 080-4/0,03-B NK	I Δ n = 0.03 A	4	1/20	09154 995	139558
DFS 4 080-4/0,10-B NK	I Δ n = 0.1 A	4	1/20	09155 995	139572
DFS 4 080-4/0,30-B NK	I Δ n = 0.3 A	4	1/20	09156 995	139596

100 A

DFS 4 100-4/0,03-B NK	I Δ n = 0.03 A	4	1/20	09164 995	139633
DFS 4 100-4/0,10-B NK	I Δ n = 0.1 A	4	1/20	09165 995	139657
DFS 4 100-4/0,30-B NK	I Δ n = 0.3 A	4	1/20	09166 995	139671

125 A

DFS 4 125-4/0,03-B NK	I Δ n = 0.03 A	4	1/20	09174 995	144453
DFS 4 125-4/0,10-B NK	I Δ n = 0.1 A	4	1/20	09175 995	144620
DFS 4 125-4/0,30-B NK	I Δ n = 0.3 A	4	1/20	09176 995	139718

Tripping current frequency response with extended frequency range up to 150 kHz at max. conventional tripping current of 300 mA, non-response lag time 10 ms.

All devices are also available in HD design and up to 80 A with N right.





Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. article no. EAN
widths units (4014712...)

Type B

residual current circuit-breaker DFS 4 B NK S, 4-pole

10000    kHz  SIG



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, lightning resistant, fire prevention up to 150 kHz, selective

40 A

DFS 4 040-4/0,30-B NK S	I Δ n = 0.3 A	4	1/20	09136979	205475
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63 A

DFS 4 063-4/0,30-B NK S	I Δ n = 0.3 A	4	1/20	09146979	198357
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80 A

DFS 4 080-4/0,30-B NK S	I Δ n = 0.3 A	4	1/20	09156979	205499
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100 A

DFS 4 100-4/0,30-B NK S	I Δ n = 0.3 A	4	1/20	09166979	205512
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125 A

DFS 4 125-4/0,30-B NK S	I Δ n = 0.3 A	4	1/20	09176979	161450
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
Tripping current frequency response with extended frequency range up to 150 kHz at max. conventional tripping current of 300 mA, non-response lag time 50 ms.

All devices are also available in HD design and up to 80 A with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type B

residual current circuit-breaker DFS 4 B NK V, 4-pole

10000    kHz  KVIG



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 150 kHz, for special voltages 500 V

16 A

DFS 4 016-4/0,03-B NK V500	I Δ n = 0.03 A	4	1/20	09114983	155633
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DFS 4 016-4/0,10-B NK V500	I Δ n = 0.1 A	4	1/20	09115983	155657
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DFS 4 016-4/0,30-B NK V500	I Δ n = 0.3 A	4	1/20	09116983	155671
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25 A

DFS 4 025-4/0,03-B NK V500	I Δ n = 0.03 A	4	1/20	09124983	155718
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DFS 4 025-4/0,10-B NK V500	I Δ n = 0.1 A	4	1/20	09125983	155732
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DFS 4 025-4/0,30-B NK V500	I Δ n = 0.3 A	4	1/20	09126983	155756
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40 A

DFS 4 040-4/0,03-B NK V500	I Δ n = 0.03 A	4	1/20	09134983	155794
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DFS 4 040-4/0,10-B NK V500	I Δ n = 0.1 A	4	1/20	09135983	155817
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DFS 4 040-4/0,30-B NK V500	I Δ n = 0.3 A	4	1/20	09136983	155831
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63 A

DFS 4 063-4/0,03-B NK V500	I Δ n = 0.03 A	4	1/20	09144983	155879
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DFS 4 063-4/0,10-B NK V500	I Δ n = 0.1 A	4	1/20	09145983	155893
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DFS 4 063-4/0,30-B NK V500	I Δ n = 0.3 A	4	1/20	09146983	155916
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80 A

DFS 4 080-4/0,03-B NK V500	I Δ n = 0.03 A	4	1/20	09154983	155954
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DFS 4 080-4/0,10-B NK V500	I Δ n = 0.1 A	4	1/20	09155983	155978
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DFS 4 080-4/0,30-B NK V500	I Δ n = 0.3 A	4	1/20	09156983	155992
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100 A

DFS 4 100-4/0,03-B NK V500	I Δ n = 0.03 A	4	1/20	09164983	156036
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DFS 4 100-4/0,10-B NK V500	I Δ n = 0.1 A	4	1/20	09165983	156050
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DFS 4 100-4/0,30-B NK V500	I Δ n = 0.3 A	4	1/20	09166983	156074
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125 A

DFS 4 125-4/0,03-B NK V500	I Δ n = 0.03 A	4	1/20	09174983	156111
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DFS 4 125-4/0,10-B NK V500	I Δ n = 0.1 A	4	1/20	09175983	156135
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DFS 4 125-4/0,30-B NK V500	I Δ n = 0.3 A	4	1/20	09176983	156159
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Tripping current frequency response with extended frequency range up to 150 kHz at max. conventional tripping current of 300 mA, non-response lag time 10 ms.

All devices are also available in HD design and up to 80 A with N right. Other special voltages on request.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

accessories (RCCB)

mod. widths	pack. units	article no.	EAN (4014712...)
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Accessories

automatic reclosing devices DFA 2



remote actuation for residual current circuit-breakers of series DFS 2 and DFS 4

DFA 2	24 V AC/DC, switch-on attempts: 1	4	1	09100110	205598
DFA 2-1	24 V AC/DC, switch-on attempts: 1	4	1	09100112	208339
DFA 2-2	24 V AC/DC, switch-on attempts: 1 or 3	4	1	09100113	208346
DFA 2-3	230 V AC, switch-on attempts: 1 or 3	4	1	09100114	208445
DFA 2-4	230 V AC, switch-on attempts: 1 or 3	4	1	09100115	211803

DFA 2-3/2-4: Resistance cable DFA 2-RC is required for remote tripping with rated residual current $I_{\Delta n}$ of the connected residual current circuit-breaker.

Accessories

automatic reclosing devices DFA 3



compact remote actuation for residual current circuit-breakers in series DFS 2 and DFS 4

DFA 3 012DC-0	12 V DC, switch-on attempts: 0	1	1	09100140	240933
DFA 3 012DC-3	12 V DC, switch-on attempts: 3	1	1	09100142	240957
DFA 3 024DC-0	24 V DC, switch-on attempts: 0	1	1	09100141	240940
DFA 3 024DC-3	24 V DC, switch-on attempts: 3	1	1	09100143	240964

Accessories

restart locks WES



Equipment which prevents the unintentional activation of switching devices, e.g. during maintenance work.

WES	for DFS/DHS	1		09113993	149656
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Accessories

terminal caps KA



for protection against contact with voltage from leading terminals

KA-DFS 2	sealable	1		09200011	089440
KA-DFS 4	sealable	1		09200012	123779

Accessories

information stickers HAS



information stickers for residual current circuit-breakers DFS 2 and DFS 4

HAS DFS		1		09200021	215832
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Accessories

software DBS



for DFS 2, DFS 4 and DLS 6

DBS V2		1		09917979	249028
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download free-of-charge online at www.doepke.de

Accessories

auxiliary switches



auxiliary switches report the status of the main devices to which they are fitted

DHI 11	1 NC/1 CO, for DFS and DHS	0.5	1	09200040	198388
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