SIEMENS

Data sheet 3RF3416-2BB04



Solid-state contactor 3-phase 3RF3 AC 53 / 16 A / 40 $^{\circ}\text{C}$ 48-480 V / 24 V DC 2-phase controlled Instantaneous switching Spring-type terminal

product brand name	SIRIUS
product designation	solid-state contactor
design of the product	two-phase controlled
product type designation	3RF34
General technical data	
certificate of suitability	CE / UL / CSA / CCC / C-Tick (RCM)
product function	instantaneous switching
power loss [W] for rated value of the current	
 at AC in hot operating state 	28 W
 at AC in hot operating state per pole 	9.33 W
without load current share typical	0.4 W
insulation voltage rated value	600 V
type of voltage	
 of the operating voltage 	AC
of the control supply voltage	DC
surge voltage resistance of main circuit rated value	6 kV
protection class IP	IP20
protection class IP on the front according to IEC 60529	IP20
shock resistance according to IEC 60068-2-27	15g / 11 ms
vibration resistance according to IEC 60068-2-6	2g
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	05/28/2009
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8
Weight	0.491 kg
Main circuit	
number of poles for main current circuit	3
number of NO contacts for main contacts	2
number of NC contacts for main contacts	0
type of voltage of the operating voltage	AC
operating voltage	
• at AC	
— at 50 Hz rated value	48 480 V
— at 60 Hz rated value	48 480 V
operating frequency rated value	50 60 Hz
relative symmetrical tolerance of the operating frequency	10 %
operating range relative to the operating voltage at AC	
● at 50 Hz	40 506 V
• at 60 Hz	40 506 V
operational current	

at AC-3 at 400 V rated value	16 A
at AC-53a at 400 V at ambient temperature 40 °C rated value.	16 A
value	500 4
operational current minimum	500 mA
operating power	7.5 144
at AC-3 at 400 V rated value	7.5 kW
rate of voltage rise at the thyristor for main contacts maximum permissible	1 000 V/μs
blocking voltage at the thyristor for main contacts maximum permissible	1 200 V
reverse current of the thyristor	10 mA
derating temperature	40 °C
surge current resistance rated value	1 150 A
I2t value maximum	6 600 A²-s
Control circuit/ Control	
type of voltage of the control supply voltage	DC
control supply voltage 1 at DC rated value	24 V
control supply voltage	
 at DC initial value for signal <1> detection 	15 V
 at DC full-scale value for signal<0> recognition 	5 V
symmetrical line frequency tolerance	5 Hz
operating range factor control supply voltage rated value at	
DC	
• initial value	0.63
• full-scale value	1.25
control current at minimum control supply voltage	
• at DC	2 mA
control current at DC rated value	15 mA
ON-delay time	1 ms
OFF-delay time	1 ms; additionally max. one half-wave
Auxiliary circuit	
type of switching contact	normally open contact (NO)
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
number of CO contacts for auxiliary contacts	0
· · · · · · · · · · · · · · · · · · ·	0
number of CO contacts for auxiliary contacts	0 vertical
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions	
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position	vertical
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting	vertical Yes
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the	vertical Yes screw and snap-on mounting onto 35 mm DIN rail
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width depth	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width depth required spacing with side-by-side mounting	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm 100.8 mm
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width depth required spacing with side-by-side mounting • upwards	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm 100.8 mm
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width depth required spacing with side-by-side mounting • upwards • downwards	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm 100.8 mm
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width depth required spacing with side-by-side mounting • upwards • downwards Connections/ Terminals product component removable terminal for auxiliary and	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm 100.8 mm 70 mm 50 mm
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width depth required spacing with side-by-side mounting • upwards • downwards Connections/ Terminals product component removable terminal for auxiliary and control circuit	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm 100.8 mm 70 mm 50 mm
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width depth required spacing with side-by-side mounting • upwards • downwards Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm 100.8 mm 70 mm 50 mm
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width depth required spacing with side-by-side mounting • upwards • downwards Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm 100.8 mm 70 mm 50 mm Yes
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width depth required spacing with side-by-side mounting • upwards • downwards Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm 100.8 mm 70 mm 50 mm Yes
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width depth required spacing with side-by-side mounting • upwards • downwards Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm 100.8 mm 70 mm 50 mm Yes spring-loaded terminals spring-loaded terminals
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width depth required spacing with side-by-side mounting • upwards • downwards Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm 100.8 mm 70 mm 50 mm Yes spring-loaded terminals spring-loaded terminals
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width depth required spacing with side-by-side mounting • upwards • downwards Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm 100.8 mm 70 mm 50 mm Yes spring-loaded terminals spring-loaded terminals 2x (0.5 2.5 mm²) 2x (0.5 1.5 mm²)
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width depth required spacing with side-by-side mounting • upwards • downwards Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing — finely stranded without core end processing	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm 100.8 mm 70 mm 50 mm Yes spring-loaded terminals spring-loaded terminals 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²)
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width depth required spacing with side-by-side mounting • upwards • downwards Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing — finely stranded without core end processing • for AWG cables for main contacts	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm 100.8 mm 70 mm 50 mm Yes spring-loaded terminals spring-loaded terminals 2x (0.5 2.5 mm²) 2x (0.5 1.5 mm²)
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width depth required spacing with side-by-side mounting • upwards • downwards Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing — finely stranded without core end processing • for AWG cables for main contacts connectable conductor cross-section for main contacts	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm 100.8 mm 70 mm 50 mm Yes spring-loaded terminals spring-loaded terminals 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (18 14)
number of CO contacts for auxiliary contacts Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method design of the thread of the screw for securing the equipment height width depth required spacing with side-by-side mounting • upwards • downwards Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing — finely stranded without core end processing • for AWG cables for main contacts	vertical Yes screw and snap-on mounting onto 35 mm DIN rail M4 95 mm 90 mm 100.8 mm 70 mm 50 mm Yes spring-loaded terminals spring-loaded terminals 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²)

finely stranded without core end processing	0.5 2.5 mm²
type of connectable conductor cross-sections	
 for auxiliary and control contacts 	
— solid	1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)
 finely stranded with core end processing 	1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)
 finely stranded without core end processing 	1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)
for AWG cables for auxiliary and control contacts	1x (AWG 20 12)
AWG number as coded connectable conductor cross section for main contacts	14 10
design of the thread of the connection screw	
of the auxiliary and control contacts	M3
stripped length of the cable	
 for main contacts 	10 mm
for auxiliary and control contacts	10 mm
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	7.6 A
yielded mechanical performance [hp] for 3-phase AC motor	
• at 200/208 V rated value	2 hp
• at 220/230 V rated value	2 hp
• at 460/480 V rated value	5 hp
Safety related data	
proportion of dangerous failures with high demand rate according to SN 31920	50 %
MTTF with high demand rate	76 a
IEC 61508	
T1 value for proof test interval or service life according to IEC 61508	20 a
Electrical Safety	
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Ambient conditions	
	1 000 m
Ambient conditions	
Ambient conditions installation altitude at height above sea level maximum	
Ambient conditions installation altitude at height above sea level maximum ambient temperature	1 000 m
Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation	1 000 m -25 +60 °C
Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage	1 000 m -25 +60 °C
Ambient conditions installation altitude at height above sea level maximum ambient temperature	1 000 m -25 +60 °C
Ambient conditions installation altitude at height above sea level maximum ambient temperature	1 000 m -25 +60 °C -55 +80 °C
Ambient conditions installation altitude at height above sea level maximum ambient temperature	1 000 m -25 +60 °C -55 +80 °C 2 kV / 5 kHz behavior criterion 2
Ambient conditions installation altitude at height above sea level maximum ambient temperature	1 000 m -25 +60 °C -55 +80 °C 2 kV / 5 kHz behavior criterion 2 2 kV behavior criterion 2 1 kV behavior criterion 2
Ambient conditions installation altitude at height above sea level maximum ambient temperature	1 000 m -25 +60 °C -55 +80 °C 2 kV / 5 kHz behavior criterion 2 2 kV behavior criterion 2 1 kV behavior criterion 2 140 dBuV in the frequency range 0.15 80 MHz, behavior criterion 1
Ambient conditions installation altitude at height above sea level maximum ambient temperature	1 000 m -25 +60 °C -55 +80 °C 2 kV / 5 kHz behavior criterion 2 2 kV behavior criterion 2 1 kV behavior criterion 2 140 dBuV in the frequency range 0.15 80 MHz, behavior criterion 1 4 kV contact discharging / 8 kV air discharging, behavior criterion 2
Ambient conditions installation altitude at height above sea level maximum ambient temperature	1 000 m -25 +60 °C -55 +80 °C 2 kV / 5 kHz behavior criterion 2 2 kV behavior criterion 2 1 kV behavior criterion 2 140 dBuV in the frequency range 0.15 80 MHz, behavior criterion 1
Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage Electromagnetic compatibility conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-6 electrostatic discharge according to IEC 61000-4-2 conducted HF interference emissions according to CISPR11 field-bound HF interference emission according to CISPR11	1 000 m -25 +60 °C -55 +80 °C 2 kV / 5 kHz behavior criterion 2 2 kV behavior criterion 2 1 kV behavior criterion 2 140 dBuV in the frequency range 0.15 80 MHz, behavior criterion 1 4 kV contact discharging / 8 kV air discharging, behavior criterion 2
Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage Electromagnetic compatibility conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-6 electrostatic discharge according to IEC 61000-4-2 conducted HF interference emissions according to CISPR11 field-bound HF interference emission according to CISPR11 Short-circuit protection, design of the fuse link	1 000 m -25 +60 °C -55 +80 °C 2 kV / 5 kHz behavior criterion 2 2 kV behavior criterion 2 1 kV behavior criterion 2 140 dBuV in the frequency range 0.15 80 MHz, behavior criterion 1 4 kV contact discharging / 8 kV air discharging, behavior criterion 2 Class A for industrial environment
Ambient conditions installation altitude at height above sea level maximum ambient temperature	1 000 m -25 +60 °C -55 +80 °C 2 kV / 5 kHz behavior criterion 2 2 kV behavior criterion 2 1 kV behavior criterion 2 140 dBuV in the frequency range 0.15 80 MHz, behavior criterion 1 4 kV contact discharging / 8 kV air discharging, behavior criterion 2 Class A for industrial environment Class A for industrial environment
Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage Electromagnetic compatibility conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-6 electrostatic discharge according to IEC 61000-4-2 conducted HF interference emissions according to CISPR11 field-bound HF interference emission according to CISPR11 Short-circuit protection, design of the fuse link	1 000 m -25 +60 °C -55 +80 °C 2 kV / 5 kHz behavior criterion 2 2 kV behavior criterion 2 1 kV behavior criterion 2 140 dBuV in the frequency range 0.15 80 MHz, behavior criterion 1 4 kV contact discharging / 8 kV air discharging, behavior criterion 2 Class A for industrial environment
Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage Electromagnetic compatibility conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-6 electrostatic discharge according to IEC 61000-4-2 conducted HF interference emissions according to CISPR11 field-bound HF interference emission according to CISPR11 Short-circuit protection, design of the fuse link manufacturer's article number • of full range R fuse link for semiconductor protection at	1 000 m -25 +60 °C -55 +80 °C 2 kV / 5 kHz behavior criterion 2 2 kV behavior criterion 2 1 kV behavior criterion 2 140 dBuV in the frequency range 0.15 80 MHz, behavior criterion 1 4 kV contact discharging / 8 kV air discharging, behavior criterion 2 Class A for industrial environment Class A for industrial environment
Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage Electromagnetic compatibility conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-6 electrostatic discharge according to IEC 61000-4-2 conducted HF interference emissions according to CISPR11 field-bound HF interference emission according to CISPR11 Short-circuit protection, design of the fuse link manufacturer's article number • of full range R fuse link for semiconductor protection at NH design usable • of full range R fuse link for semiconductor protection at	1 000 m -25 +60 °C -55 +80 °C 2 kV / 5 kHz behavior criterion 2 2 kV behavior criterion 2 1 kV behavior criterion 2 140 dBuV in the frequency range 0.15 80 MHz, behavior criterion 1 4 kV contact discharging / 8 kV air discharging, behavior criterion 2 Class A for industrial environment Class A for industrial environment
installation altitude at height above sea level maximum ambient temperature • during operation • during storage Electromagnetic compatibility conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-6 electrostatic discharge according to IEC 61000-4-2 conducted HF interference emissions according to CISPR11 field-bound HF interference emission according to CISPR11 Short-circuit protection, design of the fuse link manufacturer's article number • of full range R fuse link for semiconductor protection at NH design usable • of full range R fuse link for semiconductor protection at cylindrical design usable • of back-up R fuse link for semiconductor protection at NH	1 000 m -25 +60 °C -55 +80 °C 2 kV / 5 kHz behavior criterion 2 2 kV behavior criterion 2 1 kV behavior criterion 2 140 dBuV in the frequency range 0.15 80 MHz, behavior criterion 1 4 kV contact discharging / 8 kV air discharging, behavior criterion 2 Class A for industrial environment Class A for industrial environment 3NE1818-0 5SE1363
installation altitude at height above sea level maximum ambient temperature • during operation • during storage Electromagnetic compatibility conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-6 electrostatic discharge according to IEC 61000-4-2 conducted HF interference emissions according to CISPR11 field-bound HF interference emission according to CISPR11 Short-circuit protection, design of the fuse link manufacturer's article number • of full range R fuse link for semiconductor protection at NH design usable • of back-up R fuse link for semiconductor protection at NH design usable • of back-up R fuse link for semiconductor protection at NH design usable • of back-up R fuse link for semiconductor protection at NH design usable • of back-up R fuse link for semiconductor protection at NH design usable • of back-up R fuse link for semiconductor protection at NH design usable	1 000 m -25 +60 °C -55 +80 °C 2 kV / 5 kHz behavior criterion 2 2 kV behavior criterion 2 1 kV behavior criterion 2 140 dBuV in the frequency range 0.15 80 MHz, behavior criterion 1 4 kV contact discharging / 8 kV air discharging, behavior criterion 2 Class A for industrial environment Class A for industrial environment 3NE1818-0 5SE1363 3NE8022-1
installation altitude at height above sea level maximum ambient temperature • during operation • during storage Electromagnetic compatibility conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-6 electrostatic discharge according to IEC 61000-4-2 conducted HF interference emissions according to CISPR11 field-bound HF interference emission according to CISPR11 Short-circuit protection, design of the fuse link manufacturer's article number • of full range R fuse link for semiconductor protection at NH design usable • of back-up R fuse link for semiconductor protection at cylindrical design usable • of back-up R fuse link for semiconductor protection at cylindrical design 10 x 38 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 10 x 38 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 10 x 38 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 10 x 38 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 10 x 38 mm usable	1 000 m -25 +60 °C -55 +80 °C 2 kV / 5 kHz behavior criterion 2 2 kV behavior criterion 2 1 kV behavior criterion 2 140 dBuV in the frequency range 0.15 80 MHz, behavior criterion 1 4 kV contact discharging / 8 kV air discharging, behavior criterion 2 Class A for industrial environment Class A for industrial environment 3NE1818-0 5SE1363 3NE8022-1 3NC1032
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• at cylindrical design 10 x 38 mm usable

• at cylindrical design 22 x 58 mm usable

3NW6010-1 3NW6210-1

Approvals Certificates

General Product Approval







Confirmation





EMV

Test Certificates

other

Environment



Type Test Certificates/Test Report

Confirmation

Environmental Confirmations

Further information

Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RF3416-2BB04

Cax online generator

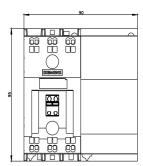
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RF3416-2BB04

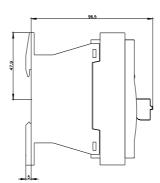
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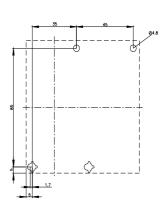
https://support.industry.siemens.com/cs/ww/en/ps/3RF3416-2BB04

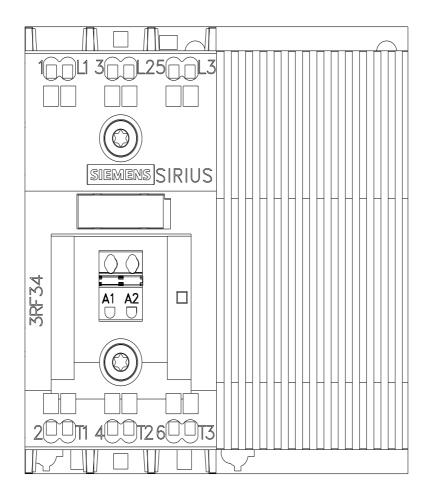
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

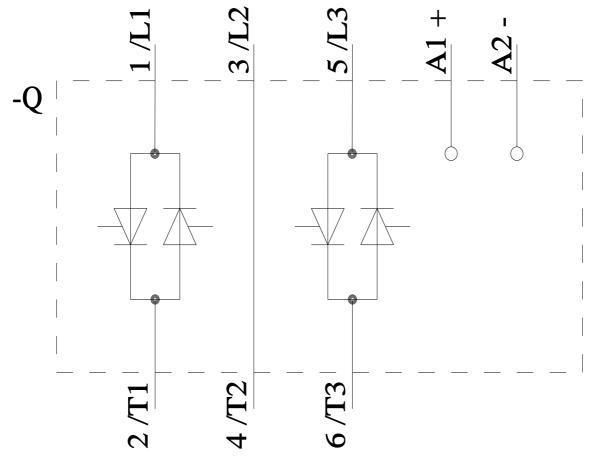
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RF3416-2BB04&lang=en



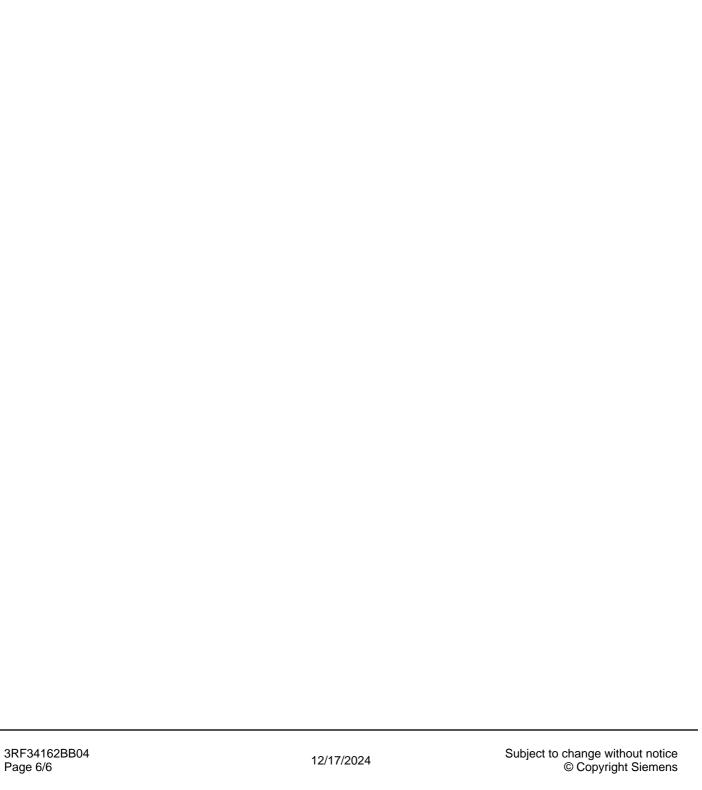








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