SIEMENS

hoja de datos del producto

3RV2011-1BA15



CIRCUIT-BREAKER SZ S00, FOR MOTOR PROTECTION, CLASS 10, A-REL. 1.4...2A, N-RELEASE 26A, SCREW CONNECTION, STANDARD SW. CAPACITY, W. TRANSVERSE AUX. SWITCH 1NO+1NC

General technical data:				
product brand name		SIRIUS		
Product designation		3RV2 circuit breaker		
Size of the circuit-breaker		S00		
Number of poles / for main current circuit		3		
Product function				
short circuit protection		Yes		
overload protection		Yes		
phase disturbance recognition		Yes		
• plant protection		Yes		
motor protection		Yes		
 motor protection with relais overload functionality 		No		
starter protection		No		
transformer protection		No		
disconnector functionality		Yes		
 main control switches with supply disconnect function and EM- STOP switches 		No		
Design of the operating mechanism		selector switch		
Product component				
auxiliary switch		Yes		
undervoltage release mechanism		No		

Product extension - audilary switch - optional / motor drive Insulation voltage / with degree of politution 3 / rated value Impulse voltage resistance / rated value Protection class IP - of the terminal - on the front Protection against electrical shock Installation allitude / at a height over sea level / maximum Relative humidity - during operating phase Ambient temperature - during storage - during storage - during storage - during operating to IEC 60068-2-27 Shock resistance / according to IEC 60068-2-27 Lasge category - according to IEC 60047-4-1 Active power loss / total / typical Active power loss / total / typical	trip indicator		No
Insulation voltage / with degree of pollution 3 / rated value Impulse voltage resistance / rated value Protection class IP	Product extension		
Insulation voltage / with degree of poliution 3 / rated value	auxiliary switch		Yes
Impulse voltage resistance / rated value Protection class IP of the terminal on the front IP20 IP20 IP20 IP20 IP20 IP20 IP20 IP2	optional / motor drive		No
Protection class IP of the terminal on the front Protection against electrical shock Installation altitude / at a height over sea level / maximum Relative humidity during operating phase Ambient temperature during transport during storage during operating Shock resistance / according to IEC 60068-2-27 Usage category according to IEC 60068-2-27 Waspe category according to IEC 60047-4-1 Active power loss / total / typical Main circuits Operating voltage / rated value Operating frequency rated value Operating current / at AC-3 / at 400 V / rated value Protective and monitoring functions: Type of protection Varification of suitability / ATEX Design of the fuse link / for short-circuit protection of the auxiliary switch / required Varification of suitability / ATEX Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class Trip class CLASS 10	Insulation voltage / with degree of pollution 3 / rated value	V	690
• of the terminal • on the front Protection against electrical shock Installation altitude / at a height over sea level / maximum Relative humidity • during operating phase • during pressport • during storage • during storage • during operating Shock resistance / according to IEC 60068-2-27 Usage category • according to IEC 60068-2-27 Usage category • according to IEC 60068-2-27 We formating voltage / rated value Operating voltage / rated value Voltage type / for main circuit Operating current / at AC-3 / at 400 V / rated value A 2 Hilfsstromkreis Design of the fuse link / for short-circuit protection of the auxiliary switch / required Protective and monitoring functions: Type of protection Varification of suitability / ATEX Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class Trip class CLASS 10	Impulse voltage resistance / rated value	kV	6
• on the front Protection against electrical shock Installation altitude / at a height over sea level / maximum Relative humidity • during operating phase Ambient temperature • during transport • according to IEC 60068-2-27 Usage category • according to IEC 60047-4-1 Active power loss / total / typical W 6 Main circuit: Operating voltage / rated value V 680 Voltage type / for main circuit Operating frequency • rated value • Hz 50 60 Operating current / at AC-3 / at 400 V / rated value A 2 Hiffsstromkreis Design of the fuse link / for short-circuit protection of the auxiliary switch / required Protective and monitoring functions: Type of protection Varification of suitability / ATEX Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class	Protection class IP		
Protection against electrical shock Installation altitude / at a height over sea level / maximum Relative humidity • during operating phase Ambient temperature • during transport • during operating • during operating • during operating • "C -50 +80 • during storage • "C -50 +80 • during operating • "C -20 +80 • during operating to IEC 60068-2-27 Usage category • according to IEC 60947-4-1 Active power loss / total / typical W 6 Main circuit: Operating voltage / rated value V 690 Voltage type / for main circuit Operating frequency • rated value Hz 50 60 Operating current / at AC-3 / at 400 V / rated value A 2 Hilfsstromkreis Design of the fuse link / for short-circuit protection of the auxiliary switch / required Fuse gL/gG: 10 A, ministure circuit breaker C 6 A (short-circuit current lk < 400 A) Protective and monitoring functions: Type of protection Varification of suitability / ATEX Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class	of the terminal		IP20
Installation altitude / at a height over sea level / maximum m 2,000 Relative humidity • during operating phase % 10 95 Ambient temperature • during transport °C .50 +80 • during transport °C .50 +80 • during transport °C .50 +80 • during operating °C .50 +80 • during operating °C .20 +60 Shock resistance / according to IEC 60068-2-27 25g / 11 ms Usage category • according to IEC 60947-4-1 AC-3 Active power loss / total / typical W 6 Main circuit: Operating voltage / rated value V 690 Voltage type / for main circuit AC/DC Operating frequency • rated value Hz 50 60 Operating current / at AC-3 / at 400 V / rated value A 2 Hilfsstromkreis Design of the fuse link / for short-circuit protection of the auxiliary switch / required (short-circuit current Ik < 400 A) Protective and monitoring functions: Type of protection Increased safety Variffication of suitability / ATEX Yes Design of the overload circuit breaker htermal Adjustable response current / of the current-dependent overload release Trip class CLASS 10	• on the front		IP20
Relative humidity • during operating phase Ambient temperature • during transport • during storage • during operating *C	Protection against electrical shock		finger-safe
* during operating phase Ambient temperature • during transport • during storage • during operating **C	Installation altitude / at a height over sea level / maximum	m	2,000
Ambient temperature • during transport • during storage • during operating **C	Relative humidity		
 during transport during storage during operating C -50 +80 during operating C -20 +60 Shock resistance / according to IEC 60068-2-27 Usage category according to IEC 60947-4-1 AC-3 Active power loss / total / typical W 6 Main circuit: Operating voltage / rated value V 690 Voltage type / for main circuit AC/DC Operating frequency rated value Hz 50 60 Operating current / at AC-3 / at 400 V / rated value A 2 Hillfsstromkreis Protective and monitoring functions: Type of protection Increased safety Ves Usage current / of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class CLASS 10 	during operating phase	%	10 95
* during storage * during operating **C -50 +80 **Shock resistance / according to IEC 60068-2-27 **Usage category **according to IEC 60947-4-1 **Active power loss / total / typical **Main circuit: **Operating voltage / rated value **Voltage type / for main circuit **Operating frequency **rated value **Protective and monitoring functions: **Type of protection **Validation of suitability / ATEX **Design of the overload circuit breaker **Adjustable response current / of the current-dependent overload release **Trip class **C -50 +80 -50 +80 -50 +80 -60 -60 -60 -60 -60 -60 -60 -	Ambient temperature		
the during operating Comments of the Comments	during transport	°C	-50 +80
Shock resistance / according to IEC 60068-2-27 Usage category	during storage	°C	-50 +80
Usage category * according to IEC 60947-4-1 Active power loss / total / typical W 6 Main circuit: Operating voltage / rated value V 690 Voltage type / for main circuit AC/DC Operating frequency * rated value Hz 50 60 Operating current / at AC-3 / at 400 V / rated value A 2 Hilfsstromkreis Design of the fuse link / for short-circuit protection of the auxiliary switch / required Protective and monitoring functions: Type of protection Varification of suitability / ATEX Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class CLASS 10	during operating	°C	-20 +60
* according to IEC 60947-4-1 Active power loss / total / typical Main circuit: Operating voltage / rated value V 690 Voltage type / for main circuit Operating frequency * rated value Hz 50 60 Operating current / at AC-3 / at 400 V / rated value A 2 Hilfsstromkreis Design of the fuse link / for short-circuit protection of the auxiliary switch / required Protective and monitoring functions: Type of protection Varification of suitability / ATEX Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class CLASS 10	Shock resistance / according to IEC 60068-2-27		25g / 11 ms
Active power loss / total / typical Main circuit: Operating voltage / rated value V 690 Voltage type / for main circuit Operating frequency • rated value Hz 50 60 Operating current / at AC-3 / at 400 V / rated value A 2 Hilfsstromkreis Design of the fuse link / for short-circuit protection of the auxiliary switch / required Protective and monitoring functions: Type of protection Varification of suitability / ATEX Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class CLASS 10	Usage category		
Main circuit: Operating voltage / rated value V 690 Voltage type / for main circuit Operating frequency • rated value Hz 50 60 Operating current / at AC-3 / at 400 V / rated value A 2 Hilfsstromkreis Design of the fuse link / for short-circuit protection of the auxiliary switch / required Fuse gL/gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A) Protective and monitoring functions: Type of protection Varification of suitability / ATEX Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class CLASS 10	according to IEC 60947-4-1		AC-3
Operating voltage / rated value Voltage type / for main circuit Operating frequency * rated value Hz 50 60 Operating current / at AC-3 / at 400 V / rated value A 2 Hilfsstromkreis Design of the fuse link / for short-circuit protection of the auxiliary switch / required Protective and monitoring functions: Type of protection V 690 AC/DC AC/DC AC/DC A 2 Fuse gL/gS: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A) Protective and monitoring functions: Type of protection Increased safety Ves Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class CLASS 10	Active power loss / total / typical	W	6
Voltage type / for main circuit Operating frequency • rated value Hz 50 60 Operating current / at AC-3 / at 400 V / rated value A 2 Hilfsstromkreis Design of the fuse link / for short-circuit protection of the auxiliary switch / required Protective and monitoring functions: Type of protection Varification of suitability / ATEX Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class AC/DC AC/CC AC	Main circuit:		
Operating frequency • rated value Hz 50 60 Operating current / at AC-3 / at 400 V / rated value A 2 Hilfsstromkreis Design of the fuse link / for short-circuit protection of the auxiliary switch / required Protective and monitoring functions: Type of protection Varification of suitability / ATEX Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class CLASS 10	Operating voltage / rated value	V	690
• rated value Operating current / at AC-3 / at 400 V / rated value A 2 Hilfsstromkreis Design of the fuse link / for short-circuit protection of the auxiliary switch / required Protective and monitoring functions: Type of protection Increased safety Varification of suitability / ATEX Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class CLASS 10	Voltage type / for main circuit		AC/DC
Operating current / at AC-3 / at 400 V / rated value A 2 Hilfsstromkreis Design of the fuse link / for short-circuit protection of the auxiliary switch / required Protective and monitoring functions: Type of protection Varification of suitability / ATEX Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class A 2 Fuse gL/gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A) Fuse gL/gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A) Fuse gL/gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A) Increased safety Yes CLASS 10	Operating frequency		
Hilfsstromkreis Design of the fuse link / for short-circuit protection of the auxiliary switch / required Protective and monitoring functions: Type of protection Increased safety Varification of suitability / ATEX Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class CLASS 10	• rated value	Hz	50 60
Design of the fuse link / for short-circuit protection of the auxiliary switch / required Protective and monitoring functions: Type of protection Increased safety Varification of suitability / ATEX Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class Fuse gL/gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A) Fuse gL/gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A) Fuse gL/gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A) Increased safety Yes CLASS 10	Operating current / at AC-3 / at 400 V / rated value	A	2
auxiliary switch / required (short-circuit current lk < 400 A) Protective and monitoring functions: Type of protection Increased safety Varification of suitability / ATEX Yes Design of the overload circuit breaker thermal Adjustable response current / of the current-dependent overload release Trip class CLASS 10	Hilfsstromkreis		
Type of protection Varification of suitability / ATEX Pesign of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class Increased safety Yes thermal A 1.4 2 CLASS 10			
Varification of suitability / ATEX Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class Yes thermal A 1.4 2 CLASS 10	Protective and monitoring functions:		
Design of the overload circuit breaker Adjustable response current / of the current-dependent overload release Trip class thermal A 1.4 2 CLASS 10	Type of protection		Increased safety
Adjustable response current / of the current-dependent overload release Trip class A 1.4 2 CLASS 10	Varification of suitability / ATEX		Yes
overload release Trip class CLASS 10	Design of the overload circuit breaker		thermal
·		А	1.4 2
Design of the short-circuit trip magnetic	Trip class		CLASS 10
	Design of the short-circuit trip		magnetic

Operational short-circuit current breaking capacity (lcs) / with AC - at 240 V / rated value - at 500 V / rated value - at 690 V / rated value - at 690 V / rated value - at 690 V / rated value - at 240 V / for AC / rated value - at 240 V / for AC / rated value - at 400 V / for AC / rated value - at 400 V / for AC / rated value - at 690 V / for AC / rated value - at 690 V / for AC / rated value - at 690 V / for AC / rated value - at 690 V / for AC / rated value - at 690 V / for AC / rated value - at 690 V / for AC / rated value - at 690 V / for AC / rated value - at 690 V / for AC / rated value - at 690 V - a	Current response value / of the instantaneous short-circuit trip	Α	26
* at 400 V / rated value			
* at 500 V / rated value	• at 240 V / rated value	kA	100
* at 690 V / rated value	• at 400 V / rated value	kA	100
Breaking capacity maximum short-circuit current (icu) • at 240 V / for AC / rated value • at 400 V / for AC / rated value • at 690 V / for AC / rated value • at 690 V / for AC / rated value • at 690 V / for AC / rated value • at 690 V / for AC / rated value • at 690 V / for AC / rated value Design of fuse insert / for IT network / for short-circuit protection of the main circuit • at 400 V • at 500 V • at 500 V • at 690 V Breaking capacity short-circuit current (icn) • with 1 current path / at 150 V / for DC / rated value • with 2 current paths in series / at 300 V / for DC / rated value • with 3 current paths in series / at 450 V / for DC / rated value • with 3 current paths in series / at 450 V / for DC / rated value Installation/ mounting/ dimensions: Mounting type Screw and snap-on mounting onto 35 mm standard mounting type Screw and snap-on mounting onto 35 mm standard mounting position Screw and snap-on mounting onto 35 mm standard mounting position Screw and snap-on mounting onto 35 mm standard mounting type Screw and snap-on mounting onto 35 mm standard mounting position Screw and snap-on mounting onto 35 mm standard mounting type Screw and snap-on mounting onto 35 mm standard mounting type Screw and snap-on mounting onto 35 mm standard mounting type Screw and snap-on mounting onto 35 mm standard mounting type Screw and snap-on mounting onto 35 mm standard mounting type Screw and snap-on mounting onto 35 mm standard mounting type Screw and snap-on mounting onto 35 mm standard mounting type Screw and snap-on mounting onto 35 mm standard mounting type Screw and snap-on mounting onto 35 mm standard mounting type Screw and snap-on mounting onto 35 mm standard mounting type Screw and snap-on mounting onto 35 mm standard mounting type Screw and snap-on mounting type Screw and snap-on mounting onto 35 mm standard mounting type Screw and snap-on mounting type Screw	• at 500 V / rated value	kA	100
at 240 V / for AC / rated value at 400 V / for AC / rated value at 500 V / for AC / rated value at 690 V / for AC / rated value begin of fuse insert / for IT network / for short-circuit protection of the main circuit at 400 V at 500 V at 500 V at 690 V Breaking capacity short-circuit current (Icn) with 1 current path / at 150 V / for DC / rated value with 3 current paths in series / at 400 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value kA 10 Installation/ mounting/ dimensions: Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 mounting position Depth mm 96 Height mm 97 Width Top and bottom Screw-type terminals Top of the connectable conductor cross-section for main contacts	• at 690 V / rated value	kA	10
at 400 V / for AC / rated value at 500 V / for AC / rated value besign of fuse insert / for IT network / for short-circuit protection of the main circuit at 400 V at 500 V at 690 V Breaking capacity short-circuit current (Icn) with 1 current path / at 150 V / for DC / rated value with 2 current paths in series / at 300 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 9 current paths in series / at 450 V / for DC / rated value with 9 current paths in series / at 450 V / for DC / rated value with 9 current paths in series / at 450 V / for DC / rated value with 9 current paths in series / at 450 V / for DC / rated value with 9 current paths in series / at 450 V / for DC / rated value with 9 current paths in series / at 450 V / for DC / rated value with 9 current paths in series / at 450 V / for DC / rated value kA 10 Installation/ mounting/ dimensions: Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 mounting position any 96 Height mm 97 Width Top and bottom Design of the electrical connection / for main current circuit Design of the electrical connection / for main current circuit Top and bottom screw-type terminals Type of the connectable conductor cross-section * for main contacts	Breaking capacity maximum short-circuit current (Icu)		
at 500 V / for AC / rated value besign of fuse insert / for IT network / for short-circuit protection of the main circuit at 400 V at 500 V at 690 V Breaking capacity short-circuit current (Icn) with 1 current path / at 150 V / for DC / rated value with 2 current paths in series / at 300 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 4 10 Screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 mounting position any 96 With 5 current c	• at 240 V / for AC / rated value	kA	100
at 690 V / for AC / rated value Design of fuse insert / for IT network / for short-circuit protection of the main circuit at 400 V at 500 V at 500 V at 690 V Breaking capacity short-circuit current (Icn) with 1 current path / at 150 V / for DC / rated value with 2 current paths in series / at 300 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value Installation/ mounting/ dimensions: Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 mounting position any Depth mm 96 Height mm 97 Width Connections/ terminals: Arrangement of electrical connectors / for main current circuit Design of the electrical connection / for main current circuit Top and bottom screw-type terminals Type of the connectable conductor cross-section • for main contacts	• at 400 V / for AC / rated value	kA	100
Design of fuse insert / for IT network / for short-circuit protection of the main circuit • at 400 V • at 500 V • at 500 V • at 690 V Breaking capacity short-circuit current (Icn) • with 1 current path / at 150 V / for DC / rated value • with 2 current paths in series / at 300 V / for DC / rated value • with 3 current paths in series / at 450 V / for DC / rated value • with 3 current paths in series / at 450 V / for DC / rated value Installation/ mounting/ dimensions: Mounting type screw and snap-on mounting onto 35 mm standard mounting position any Depth mm 96 Height mm 97 Width Connections/ terminals: Arrangement of electrical connectors / for main current circuit Design of the electrical connection / for main current circuit Type of the connectable conductor cross-section • for main contacts	• at 500 V / for AC / rated value	kA	100
protection of the main circuit at 400 V at 500 V at 500 V at 699 V Breaking capacity short-circuit current (Icn) with 1 current path / at 150 V / for DC / rated value with 2 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value screw and snap-on mounting onto 35 mm standard mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 mounting type mm 96 Height mm 97 Width Top and bottom Design of the electrical connectors / for main current circuit Top and bottom screw-type terminals Type of the connectable conductor cross-section for main contacts	• at 690 V / for AC / rated value	kA	10
at 500 V at 690 V Breaking capacity short-circuit current (Icn) with 1 current path / at 150 V / for DC / rated value with 2 current paths in series / at 300 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value kA 10 Installation/ mounting/ dimensions: Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 mounting position any Depth mm 96 Height mm 97 Width Top and bottom Screw-type terminals Type of the connectable conductor cross-section for main contacts	-		
e at 690 V Breaking capacity short-circuit current (Icn) • with 1 current path / at 150 V / for DC / rated value • with 2 current paths in series / at 300 V / for DC / rated value • with 3 current paths in series / at 450 V / for DC / rated value • with 3 current paths in series / at 450 V / for DC / rated value Ware to be a current path of the series / at 450 V / for DC / rated value Ware to be a current paths in series / at 450 V / for DC / rated value Ware to be a current paths in series / at 450 V / for DC / rated value Ware to be a current paths in series / at 450 V / for DC / rated value Ware to be a current paths in series / at 450 V / for DC / rated value Ware to be a current paths in series / at 450 V / for DC / rated value Ware to be a current paths in series / at 450 V / for DC / rated value Ware to be a current paths in series / at 450 V / for DC / rated value Ware to be a current paths in series / at 450 V / for DC / rated value Ware to be a current paths in series / at 450 V / for DC / rated value Ware to be a current paths in series / at 450 V / for DC / rated value Ware to be a current path in the	• at 400 V		gL/gG 25 A
Breaking capacity short-circuit current (Icn) • with 1 current path / at 150 V / for DC / rated value • with 2 current paths in series / at 300 V / for DC / rated value • with 3 current paths in series / at 450 V / for DC / rated value • with 3 current paths in series / at 450 V / for DC / rated value Installation/ mounting/ dimensions: Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 mounting position any Depth mm 96 Height mm 97 Width Connections/ terminals: Arrangement of electrical connectors / for main current circuit Design of the electrical connection / for main current circuit Type of the connectable conductor cross-section • for main contacts	• at 500 V		gL/gG 25 A
with 1 current path / at 150 V / for DC / rated value with 2 current paths in series / at 300 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value Mounting type	• at 690 V		gL/gG 20 A
with 2 current paths in series / at 300 V / for DC / rated value with 3 current paths in series / at 450 V / for DC / rated value Installation/ mounting/ dimensions: Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 mounting position any Depth mm 96 Height mm 97 Width Connections/ terminals: Arrangement of electrical connectors / for main current circuit Design of the electrical connection / for main current circuit Type of the connectable conductor cross-section • for main contacts At 10 To pand bottom screw-type terminals	Breaking capacity short-circuit current (lcn)		
with 3 current paths in series / at 450 V / for DC / rated value Installation/ mounting/ dimensions: Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 mounting position Depth mm 96 Height mm 97 Width mm 45 Connections/ terminals: Arrangement of electrical connectors / for main current circuit Design of the electrical connection / for main current circuit Type of the connectable conductor cross-section • for main contacts	• with 1 current path / at 150 V / for DC / rated value	kA	10
Installation/ mounting/ dimensions: Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 any Depth mm 96 Height mm 97 Width mm 45 Connections/ terminals: Arrangement of electrical connectors / for main current circuit Design of the electrical connection / for main current circuit Top and bottom screw-type terminals Type of the connectable conductor cross-section • for main contacts	• with 2 current paths in series / at 300 V / for DC / rated value	kA	10
Mounting type screw and snap-on mounting onto 35 mm standard mounting position any Depth mm 96 Height mm 97 Width mm 45 Connections/ terminals: Arrangement of electrical connectors / for main current circuit Design of the electrical connection / for main current circuit Type of the connectable conductor cross-section • for main contacts • for main contacts	• with 3 current paths in series / at 450 V / for DC / rated value	kA	10
mounting position Depth mm 96 Height mm 97 Width mm 45 Connections/ terminals: Arrangement of electrical connectors / for main current circuit Design of the electrical connection / for main current circuit Top and bottom screw-type terminals Type of the connectable conductor cross-section • for main contacts	Installation/ mounting/ dimensions:		
Depth mm 96 Height mm 97 Width mm 45 Connections/ terminals: Arrangement of electrical connectors / for main current circuit Top and bottom Design of the electrical connection / for main current circuit screw-type terminals Type of the connectable conductor cross-section • for main contacts	Mounting type		
Height mm 97 Width mm 45 Connections/ terminals: Arrangement of electrical connectors / for main current circuit Top and bottom Design of the electrical connection / for main current circuit screw-type terminals Type of the connectable conductor cross-section • for main contacts	mounting position		any
Width mm 45 Connections/ terminals: Arrangement of electrical connectors / for main current circuit Top and bottom Design of the electrical connection / for main current circuit screw-type terminals Type of the connectable conductor cross-section • for main contacts	Depth	mm	96
Connections/ terminals: Arrangement of electrical connectors / for main current circuit Design of the electrical connection / for main current circuit Top and bottom screw-type terminals Type of the connectable conductor cross-section • for main contacts	Height	mm	97
Arrangement of electrical connectors / for main current circuit Design of the electrical connection / for main current circuit Top and bottom screw-type terminals Type of the connectable conductor cross-section • for main contacts	Width	mm	45
Design of the electrical connection / for main current circuit Type of the connectable conductor cross-section • for main contacts	Connections/ terminals:		
Type of the connectable conductor cross-section • for main contacts	Arrangement of electrical connectors / for main current circuit		Top and bottom
• for main contacts	Design of the electrical connection / for main current circuit		screw-type terminals
	Type of the connectable conductor cross-section		
• solid or multi-stranded 2x (0,75 2,5 mm²), 2x 4 mm²	for main contacts		
	solid or multi-stranded		2x (0,75 2,5 mm²), 2x 4 mm²

current circuit

• finely stranded

• with conductor end processing

Type of the connectable conductor cross-section

Design of the electrical connection / for auxiliary and control

• for AWG conductors / for main contacts

2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)

2x (18 ... 14), 2x 12

screw-type terminals

- · for auxiliary contacts
 - solid or multi-stranded
 - finely stranded
 - with conductor end processing
- for AWG conductors / for auxiliary contacts

2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²)
2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
2x (20 16), 2x (18 14)

UL/CSA ratings:		
Operating voltage / according to UL 60947 / rated value	V	600
Full-load current (FLA) / for 3-phase motor		
• at 480 V / rated value	Α	2
• at 600 V / rated value	Α	2
Contact rating designation / for auxiliary contacts / according to UL		C300 / R300

Certificates/ approvals:

General Product Approval









Declaration of

Conformity

Test Certificates

Special Test Ty
Certificate C

Type Test
Certificates/Test
Report

Shipping Approval













Shipping Approval





other

Confirmation



other

Environmental Confirmations

Further information:

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

http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

http://www.siemens.com/industrymall

Cax online generator

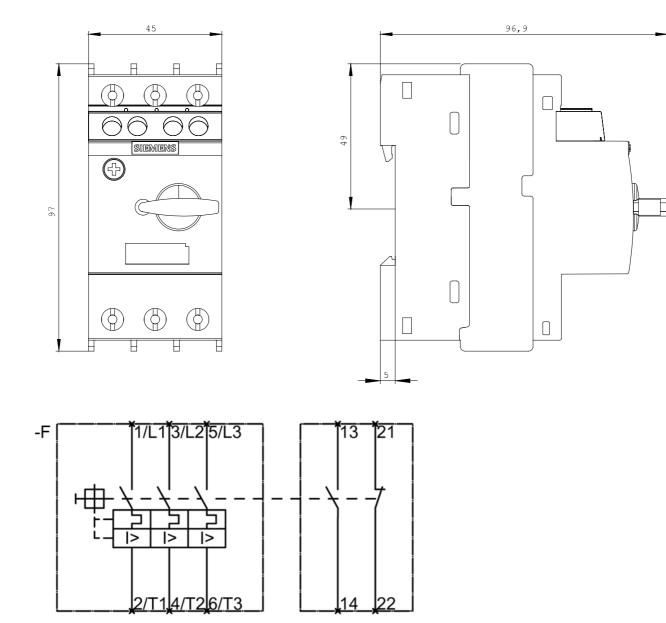
http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3RV2011-1BA15/all

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

 $\underline{http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RV2011-1BA15}$



last change: Aug 26, 2014