## **SIEMENS**

Data sheet 3RV2332-4TC10



Circuit breaker size S2 for starter combination Rated current 17 A N-release 260 A screw terminal increased switching capacity

product brand name product designation design of the product product type designation 3RV2  Seneral technical data size of the circuit-breaker size of contactor can be combined company-specific product extension auxiliary switch power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value surge voltage resistance rated value • of the main contacts typical • of auxiliary contacts typical • of auxiliary contacts typical electrical endurance (operating sydes) voltage resistance (Date) Substance Prohibitance (Date) Substance Prohibitance (Date) Substance Prohibitance (Date)  SyHC substance name Biel - 7439-92-1  Ambient temperature • during operation • during operation • during storage • during transport relative humidity during operation Main circuit number of poles for main current circuit operating routed value • at AC-3 rated value maximum • operating requency rated value • at AC-3 rated value maximum • at AC-3 rated value value • at AC-3 rated value • at AC-3 rated value value • at AC-3 rated value value • at AC-3 rated value • at AC-3 rated value value • at AC-3 rated		
design of the product product type designation General technical data size of the circuit-breaker size of contactor can be combined company-specific size of contactor can be co	product brand name	SIRIUS
product type designation  General technical data  size of the circuit-breaker  size of contactor can be combined company-specific  product extension auxiliary switch  power loss [W] for rated value of the current  at AC in hot operating state  at AC in hot operating state  at AC in hot operating state per pole  dissultation voltage with degree of pollution 3 at AC rated value  shock resistance according to IEC 60068-2-27  get hand contacts typical  of auxiliary contacts typical  of auxiliary contacts typical  electrical endurance (operating cycles)  electrical endurance (operating cycles) typical  foreference code according to IEC 81346-2  Q  Substance Prohibitance (Date)  SVHC substance name  Ambient conditions  installation altitude at height above sea level maximum  during operation  during operation  during transport  eluting transport  relative humidity during operation  Main circuit  number of poles for main current circuit  operating voltage  e tated value  at AC-3 art 400 V rated value  operational current  e at AC-3 art 400 V rated value  operational current  e at AC-3 art 400 V rated value  operational current  et AC-3 art 400 V rated value  operational current  et AC-3 art 400 V rated value  operational current  et AC-3 art 400 V rated value  operational current  et AC-3 art 400 V rated value  operational current  et AC-3 art 400 V rated value  operational current  et AC-3 art 400 V rated value  operational current  et AC-3 art 400 V rated value  operational current  et AC-3 art 400 V rated value  operational current  et AC-3 art 400 V rated value  operational current  et AC-3 art 400 V rated value  17 A	product designation	Circuit breaker
size of the circuit-breaker size of contactor can be combined company-specific S2 product extension auxiliary switch Power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state • at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value \$600 V  surge voltage resistance rated value \$600 V  surge voltage resistance rated value \$600 V  \$10000 \$1000 \$1000 \$1000 \$1000 \$1000 \$10000 \$1000 \$10000 \$1000 \$1000 \$10000 \$1000 \$10000	design of the product	For starter combinations
size of the circuit-breaker  size of contactor can be combined company-specific  size of contactor can be combined company-specific  product extension auxiliary switch  • at AC in hot operating state  • at AC in hot operating state per pole  insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  shock resistance according to IEC 60068-2-27  mechanical service life (operating cycles)  • of the main contacts typical  • of auxiliary contacts typical  • of substance Prohibitance (Operating cycles) typical  reference code according to IEC 81346-2  Q  Substance Prohibitance (Date)  SVHC substance name  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  relative humidity during operation  Main circuit  number of poles for main current circuit  • at AC-3 areate value maximum  690 V  • at AC-3 areate value maximum  690 V  • at AC-3 areated value maximum  • at AC-3 areated value	product type designation	3RV2
size of contactor can be combined company-specific product extension auxiliary switch Yes  power loss [W] for rated value of the current  • at AC in hot operating state   14.5 W   • at AC in hot operating state per pole   4.8 W   insulation voltage with degree of pollution 3 at AC rated value   680 V   surge voltage resistance rated value   6kV   shock resistance according to IEC 60068-2-27   25g / 11 ms Sinus   mechanical service life (operating cycles)   • of the main contacts typical   50 000   electrical endurance (operating cycles)   typical   50 000   glectrical endurance (operating cycles)   typical   50 000   reference code according to IEC 81346-2   Q   Substance Prohibitance (Date)   10/15/2014   SVHC substance amme   Blei - 7439-92-1   Ambient conditions   installation altitude at height above sea level maximum   2 000 m   ambient temperature   • during operation   -20 +60 °C   • during transport   -50 +80 °C   relative humidity during operation   10 95 %   Main circuit   number of poles for main current circuit   3   operating voltage   • rated value   20 690 V   • at AC-3 rated value maximum   690 V   operational current rated value   operational current care   • at AC-3 at 400 V rated value   0 operational current   0 op	General technical data	
product extension auxiliary switch  power loss [W] for rated value of the current  • at AC in hot operating state • at AC in hot operating state per pole  • at AC in hot operating state per pole  insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  • 6 kV  surge voltage resistance according to IEC 60068-2-27  mechanical service life (operating cycles)  • of the main contacts typical • of auxiliary contacts typical • of auxiliary contacts typical • of auxiliary contacts typical  • of auxiliary contacts typical  substance (operating cycles) typical  reference code according to IEC 81346-2  Q  Substance Prohibitance (Date)  SYHC substance name  Ambient conditions  installation altitude at height above sea level maximum  amblent temperature • during operation • during storage • during transport  relative humidity during operation  Main circuit number of poles for main current circuit • at AC-3 arted value maximum  at AC-3 arted value  • at AC-3 arted value maximum  • at AC-3 at 400 V rated value  • operational current • at AC-3 at 400 V rated value	size of the circuit-breaker	S2
power loss [W] for rated value of the current  • at AC in hot operating state • at AC in hot operating state per pole  insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  6 kV  shock resistance according to IEC 60068-2-27  mechanical service life (operating cycles) • of the main contacts typical • of auxillary contacts typical  8 50 000  reference code according to IEC 81346-2 Q  Substance Prohibitance (Date)  SVHC substance name  8 lei - 7439-92-1  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature • during operation • during storage • during transport • during transport relative humidity during operation  Main circuit  number of poles for main current circuit  operating voltage • rated value • at AC-3 rated value maximum 690 V • at AC-3 rated value maximum • at AC-3 rated value • operational current • at AC-3 at 400 V rated value  17 A	size of contactor can be combined company-specific	S2
at AC in hot operating state at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27  mechanical service life (operating cycles) of the main contacts typical of auxiliary contacts typical electrical endurance (operating cycles) typical streen code according to IEC 81346-2 Qusubstance Prohibitance (Date)  SYHC substance name Blei - 7439-92-1  Ambient conditions installation altitude at height above sea level maximum ambient temperature olduring storage during transport during storage during transport relative humidity during operation  Main circuit number of poles for main current circuit operating voltage art act Voltage art Ac-3 art act Voltage art Ac-	product extension auxiliary switch	Yes
at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 25g / 11 ms Sinus mechanical service life (operating cycles)  of the main contacts typical 50 000 of auxiliary contacts typical 50 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Operating cycles) typical reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/15/2014 SYHC substance name Ambient conditions installation altitude at height above sea level maximum ambient temperature olduring operation -20 +60 °C during storage -50 +80 °C eduring transport relative humidity during operation 10 95 %  Main circuit number of poles for main current circuit operating voltage - rated value at AC-3 rated value maximum 690 V operational current rated value operational current rated value operational current rated value - operational current rated value operational current - at AC-3 at 400 V rated value - 17 A	power loss [W] for rated value of the current	
insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  shock resistance according to IEC 60068-2-27  mechanical service life (operating cycles)  of the main contacts typical  for one of auxiliary contacts typical  electrical endurance (operating cycles) typical  electrical endurance (operating cycles) typical  for one code according to IEC 81346-2  Q  Substance Prohibitance (Date)  SVHC substance name  Blei - 7439-92-1  Ambient conditions  installation altitude at height above sea level maximum  during operation  during operation  during storage  during transport  elative humidity during operation  mumber of poles for main current circuit  operating voltage  a tAC-3a rated value maximum  for operating frequency rated value  operational current rated value  operational current rated value  operational current rated value  operational current  at AC-3 at 400 V rated value  operational current  at AC-3 at 400 V rated value  operational current  ot AC-3 at 400 V rated value  operational current  ot AC-3 at 400 V rated value  operational current  ot AC-3 at 400 V rated value  operational current  ot AC-3 at 400 V rated value  operational current  other takes at AC-3 at 400 V rated value  operational current  other takes at AC-3 at 400 V rated value  operational current  other takes at AC-3 at 400 V rated value  operational current  other takes at AC-3 at 400 V rated value  operational current  other takes at AC-3 at 400 V rated value  other takes at AC-3 at 400 V rated value  other takes at AC-3 at 400 V rated value  other takes at AC-3 at 400 V rated value  other takes at AC-3 at 400 V rated value  other takes at AC-3 at 400 V rated value  other takes at AC-3 at 400 V rated value  other takes at AC-3 at 400 V rated value  other takes at AC-3 at 400 V rated value  other takes at AC-3 at 400 V rated value  other takes at AC-3 at 400 V rated value	<ul> <li>at AC in hot operating state</li> </ul>	14.5 W
surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 25g / 11 ms Sinus  mechanical service life (operating cycles)  of the main contacts typical 50 000  electrical endurance (operating cycles) typical 50 000  reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/15/2014  SVHC substance name Blei - 7439-92-1  Ambient conditions installation altitude at height above sea level maximum 2 000 m  ambient temperature  olduring operation -20 +60 °C olduring storage -50 +80 °C olduring transport -50 +80 °C relative humidity during operation 10 95 %  Main circuit number of poles for main current circuit 3 operating voltage  orated value 20 690 V orat AC-3 rated value maximum 690 V operating frequency rated value 50 60 Hz operational current operational current rated value 17 A operational current or at AC-3 at 400 V rated value 17 A	<ul> <li>at AC in hot operating state per pole</li> </ul>	4.8 W
shock resistance according to IEC 60068-2-27  shock resistance according to IEC 60068-2-27  e of the main contacts typical of auxiliary contacts typical of auxiliary contacts typical electrical endurance (operating cycles) typical reference code according to IEC 81346-2 Q Substance Prohibitance (Date) SVHC substance name Bilei - 7439-92-1  Ambient conditions  Installation altitude at height above sea level maximum ambient temperature of during operation of during storage of during transport relative humidity during operation  installation altitude at height above sea level maximum ambient temperature of during storage of during storage of during transport relative humidity during operation  increality  mumber of poles for main current circuit operating voltage or rated value at AC-3a rated value maximum operating frequency rated value operational current rated value operational current rated value operational current of at AC-3a ta 400 V rated value  operational current of at AC-3a ta 400 V rated value  operational current of at AC-3a ta 400 V rated value  operational current of at AC-3a ta 400 V rated value  operational current of at AC-3a ta 400 V rated value  operational current of at AC-3a ta 400 V rated value  operational current of at AC-3a ta 400 V rated value  operational current of at AC-3a ta 400 V rated value operational current of at AC-3a ta 400 V rated value	insulation voltage with degree of pollution 3 at AC rated value	690 V
mechanical service life (operating cycles)  of the main contacts typical of auxiliary contacts typical foregreenee code according to IEC 81346-2 Q Substance Prohibitance (Date) SVHC substance name Bilei - 7439-92-1  Ambient conditions installation altitude at height above sea level maximum during storage during storage during transport relative humidity during operation  Main circuit number of poles for main current circuit at AC-3 rated value maximum ent AC-3 at 400 V rated value operational current ent AC-3 at 400 V rated value fine foregreenees ent AC-3 at 400 V rated value	surge voltage resistance rated value	6 kV
of the main contacts typical     of auxiliary contacts typical     of auxiliary contacts typical     electrical endurance (operating cycles) typical     reference code according to IEC 81346-2     Q Substance Prohibitance (Date)     SVHC substance name     Belei - 7439-92-1  Ambient conditions  installation altitude at height above sea level maximum     ambient temperature     oduring operation     oduring storage     oduring storage     oduring transport     relative humidity during operation  Main circuit  number of poles for main current circuit     operating voltage     or rated value	shock resistance according to IEC 60068-2-27	25g / 11 ms Sinus
of auxiliary contacts typical electrical endurance (operating cycles) typical feference code according to IEC 81346-2  Substance Prohibitance (Date)  SUPPLY S	mechanical service life (operating cycles)	
electrical endurance (operating cycles) typical 50 000  reference code according to IEC 81346-2 Q  Substance Prohibitance (Date) 10/15/2014  SVHC substance name Blei - 7439-92-1  Ambient conditions installation altitude at height above sea level maximum 2 000 m  ambient temperature  • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C  relative humidity during operation 10 95 %  Main circuit  number of poles for main current circuit 3  operating voltage  • rated value • at AC-3 rated value maximum 690 V  • at AC-3 rated value maximum 690 V  operating frequency rated value  operating frequency rated value 50 60 Hz  operational current • at AC-3 at 400 V rated value 17 A	<ul> <li>of the main contacts typical</li> </ul>	50 000
reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/15/2014  SVHC substance name Blei - 7439-92-1  Ambient conditions  installation altitude at height above sea level maximum 2 000 m  ambient temperature  • during operation -20 +60 °C  • during storage -50 +80 °C  • during transport -50 +80 °C  relative humidity during operation 10 95 %  Main circuit  number of poles for main current circuit 3  operating voltage  • rated value 20 690 V  • at AC-3 rated value maximum 690 V  operating frequency rated value 50 60 Hz  operational current  • at AC-3 at 400 V rated value 17 A	<ul> <li>of auxiliary contacts typical</li> </ul>	50 000
Substance Prohibitance (Date)  SVHC substance name  Blei - 7439-92-1  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit operating voltage • rated value • at AC-3 rated value maximum  690 V  operating frequency rated value  operational current rated value  17 A  operational current • at AC-3 at 400 V rated value  17 A	electrical endurance (operating cycles) typical	50 000
SVHC substance name  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  operating voltage • rated value • at AC-3 rated value maximum  690 V  operating frequency rated value  operational current rated value  17 A  operational current • at AC-3 at 400 V rated value  17 A	reference code according to IEC 81346-2	Q
installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  operating voltage • rated value • at AC-3 rated value maximum  operating frequency rated value  operating frequency rated value  operational current rated value  17 A  operational current  17 A	Substance Prohibitance (Date)	10/15/2014
installation altitude at height above sea level maximum  ambient temperature  e during operation  -20 +60 °C  e during storage -50 +80 °C  e during transport  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  operating voltage  e rated value  at AC-3 rated value maximum  690 V  e at AC-3e rated value maximum  690 V  operating frequency rated value  50 60 Hz  operational current rated value  17 A  operational current  e at AC-3 at 400 V rated value  17 A	SVHC substance name	Blei - 7439-92-1
ambient temperature  • during operation • during storage • during transport • during transport  relative humidity during operation  Main circuit  number of poles for main current circuit  operating voltage • rated value • at AC-3 rated value maximum • at AC-3e rated value  operating frequency rated value  operational current rated value  17 A  operational current • at AC-3 at 400 V rated value  17 A	Ambient conditions	
<ul> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>50 +80 °C</li> <li>turing transport</li> <li>50 +80 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> </ul> Main circuit <ul> <li>number of poles for main current circuit</li> <li>operating voltage</li> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>690 V</li> <li>at AC-3e rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>operating frequency rated value</li> <li>17 A</li> </ul> operational current <ul> <li>at AC-3 at 400 V rated value</li> <li>17 A</li> </ul>	installation altitude at height above sea level maximum	2 000 m
<ul> <li>during storage</li> <li>during transport</li> <li>-50 +80 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> </ul> Main circuit <ul> <li>number of poles for main current circuit</li> <li>operating voltage</li> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>opo V</li> <li>at AC-3e rated value maximum</li> <li>operating frequency rated value</li> <li>operational current rated value</li> <li>operational current</li> <li>at AC-3 at 400 V rated value</li> <li>17 A</li> </ul>	ambient temperature	
<ul> <li>during transport</li> <li>-50 +80 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> <li>Main circuit</li> <li>number of poles for main current circuit</li> <li>operating voltage <ul> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>eat AC-3e rated value maximum</li> <li>operating frequency rated value</li> <li>operational current rated value</li> <li>operational current</li> <li>at AC-3 at 400 V rated value</li> </ul> </li> <li>17 A</li> <li>operational current</li> <li>at AC-3 at 400 V rated value</li> <li>17 A</li> </ul>	<ul> <li>during operation</li> </ul>	-20 +60 °C
relative humidity during operation  Main circuit  number of poles for main current circuit  operating voltage  • rated value • at AC-3 rated value maximum 690 V  operating frequency rated value  operational current rated value  • at AC-3 at 400 V rated value  17 A	during storage	-50 +80 °C
Main circuit  number of poles for main current circuit  operating voltage  • rated value  • at AC-3 rated value maximum  • at AC-3e rated value maximum  operating frequency rated value  operational current rated value  • at AC-3 at 400 V rated value  17 A  17 A	during transport	-50 +80 °C
number of poles for main current circuit  operating voltage  orated value  otal AC-3 rated value maximum  otal AC-3e rated value maximum  operating frequency rated value  operational current rated value  otal AC-3 at 400 V rated value  17 A  17 A	relative humidity during operation	10 95 %
operating voltage  • rated value  • at AC-3 rated value maximum  • at AC-3e rated value maximum  690 V  operating frequency rated value  50 60 Hz  operational current rated value  17 A  operational current  • at AC-3 at 400 V rated value  17 A	Main circuit	
<ul> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>690 V</li> <li>at AC-3e rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>operational current rated value</li> <li>17 A</li> <li>operational current</li> <li>at AC-3 at 400 V rated value</li> <li>17 A</li> </ul>	number of poles for main current circuit	3
<ul> <li>at AC-3 rated value maximum</li> <li>at AC-3e rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>50 60 Hz</li> <li>operational current rated value</li> <li>17 A</li> <li>operational current</li> <li>at AC-3 at 400 V rated value</li> <li>17 A</li> </ul>	operating voltage	
<ul> <li>at AC-3e rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>operational current rated value</li> <li>operational current</li> <li>at AC-3 at 400 V rated value</li> <li>17 A</li> </ul>	• rated value	20 690 V
operating frequency rated value 50 60 Hz operational current rated value 17 A operational current  • at AC-3 at 400 V rated value 17 A	<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V
operational current rated value 17 A  operational current  • at AC-3 at 400 V rated value 17 A	at AC-3e rated value maximum	690 V
operational current  • at AC-3 at 400 V rated value 17 A	operating frequency rated value	50 60 Hz
• at AC-3 at 400 V rated value 17 A	operational current rated value	17 A
	operational current	
at AC-3e at 400 V rated value     17 A	• at AC-3 at 400 V rated value	17 A
	• at AC-3e at 400 V rated value	17 A
operating power	operating power	

• at AC-3	
— at 230 V rated value	4 kW
— at 400 V rated value	7.5 kW
— at 500 V rated value	7.5 kW
— at 690 V rated value	15 kW
• at AC-3e	
— at 230 V rated value	4 kW
— at 400 V rated value	7.5 kW
— at 500 V rated value	7.5 kW
— at 690 V rated value	15 kW
operating frequency	
• at AC-3 maximum	15 1/h
at AC-3e maximum	15 1/h
Auxiliary circuit	
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
Protective and monitoring functions	
product function	No
ground fault detection     phase failure detection	No No
phase failure detection  trip class	No
trip class	CLASS 10
maximum short-circuit current breaking capacity (Icu)	400 kA
at AC at 240 V rated value	100 kA
at AC at 400 V rated value	100 kA
at AC at 500 V rated value	18 kA
at AC at 690 V rated value	8 kA
operating short-circuit current breaking capacity (lcs) at AC	
• at 240 V rated value	100 kA
<ul> <li>at 400 V rated value</li> </ul>	50 kA
at 500 V rated value	10 kA
at 690 V rated value	5 kA
response value current of instantaneous short-circuit trip unit	260 A
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	17 A
at 600 V rated value	17 A
yielded mechanical performance [hp]	
<ul> <li>for single-phase AC motor</li> </ul>	
— at 110/120 V rated value	1.5 hp
— at 230 V rated value	3 hp
• for 3-phase AC motor	
— at 200/208 V rated value	5 hp
— at 220/230 V rated value	7.5 hp
— at 460/480 V rated value	15 hp
— at 575/600 V rated value	15 hp
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
design of the fuse link for IT network for short-circuit protection of the main circuit	
• at 240 V	none required
• at 400 V	100
• at 500 V	80
• at 690 V	63
Installation/ mounting/ dimensions	
	any
mounting position	any  screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715  140 mm
height	
width	55 mm
depth required specing	149 mm
required spacing	

<ul> <li>with side-by-side mounting at the side</li> </ul>	0 mm
<ul> <li>for grounded parts at 400 V</li> </ul>	
— downwards	50 mm
— upwards	50 mm
— at the side	10 mm
• for live parts at 400 V	
— downwards	50 mm
— upwards	50 mm
<ul><li>— at the side</li><li>◆ for grounded parts at 500 V</li></ul>	10 mm
downwards	50 mm
— upwards	50 mm
— at the side	10 mm
• for live parts at 500 V	
— downwards	50 mm
— upwards	50 mm
— at the side	10 mm
• for grounded parts at 690 V	
— downwards	50 mm
— upwards	50 mm
— backwards	0 mm
— at the side	10 mm
— forwards	0 mm
• for live parts at 690 V	
— downwards	50 mm
— upwards	50 mm
— backwards	0 mm
— at the side	10 mm
— forwards	0 mm
Connections/ Terminals	
type of electrical connection	
for main current circuit	screw-type terminals
arrangement of electrical connectors for main current circuit	Top and bottom
type of connectable conductor cross-sections	
for main contacts	
— solid or stranded	2x (1 35 mm²), 1x (1 50 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (1 25 mm²), 1x (1 35 mm²)
<ul> <li>for AWG cables for main contacts</li> </ul>	2x (18 2), 1x (18 1)
tightening torque	
• for main contacts with screw-type terminals	3 4.5 N·m
design of screwdriver shaft	Diameter 5 to 6 mm
size of the screwdriver tip	Pozidriv size 2
design of the thread of the connection screw	
for main contacts	M6
Safety related data	
proportion of dangerous failures	
with low demand rate according to SN 31920	50 %
with high demand rate according to SN 31920	50 %
failure rate [FIT] with low demand rate according to SN 31920	50 FIT
B10 value with high demand rate according to SN 31920	5 000
IEC 61508	
T1 value for proof test interval or service life according to	10 a
IEC 61508	
Electrical Safety	1700
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
display version for switching status	Handle
Approvals Certificates	
General Product Approval	





Confirmation





<u>KC</u>

General Product Approval

**Test Certificates** 

Marine / Shipping



Special Test Certificate

Type Test Certificates/Test Report







Marine / Shipping

other







**Miscellaneous** 

Confirmation



Railway

**Environment** 

Confirmation

EPD Typ II/III (with life cylce assessment)

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3RV2332-4TC10

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RV2332-4TC10}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV2332-4TC10

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

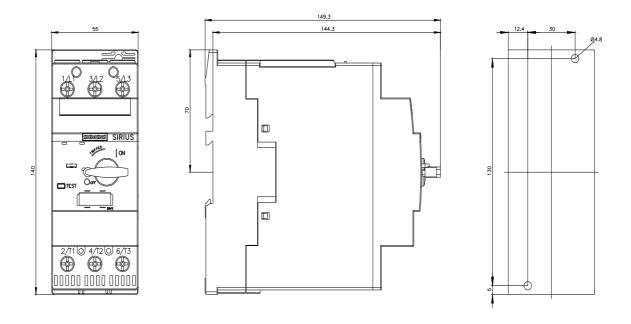
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RV2332-4TC10&lang=en

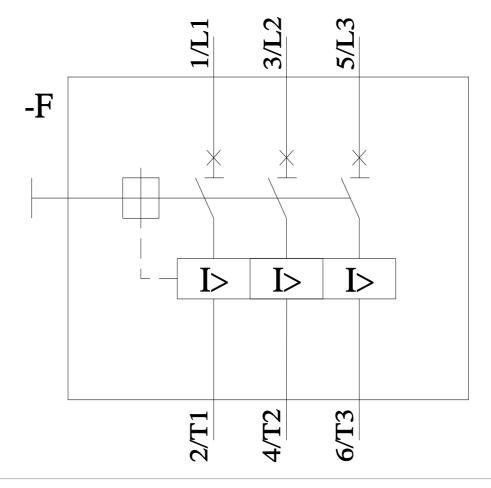
Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RV2332-4TC10/char

Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2332-4TC10&objecttype=14&gridview=view1





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