## **SIEMENS**

## **Data sheet**

## 3RA2115-1EA15-1AK6



Fuseless motor starter Direct start 600VAC Size S00 2.8-4A 110/120VAC 50/60HZ screw connection For screw mounting Or 35 mm rail-mounting Type of coordination 2 IQ = 150 KA Also full fills type Of coordination 1 1NO+1NC (MSP) 1NO (contactor)

product designation design of the product manufacturer's article number  • of the supplied contactor • of the supplied circuit-breakers • of the supplied circuit-breaker • of the supplied circuit-breaker size of the circuit-breaker size of to defered  S00  product extension auxiliary switch yes insulation voltage with degree of pollution 3 at AC rated value degree of pollution 3 surge voltage resistance rated value 680 V shock resistance according to IEC 60068-2-27 69 / 11 ms mechanical service life (switching cycles) of contactor typical type of assignment 2 Ambient conditions ambient temperature • during operation • during peration • during storage • during transport  -20 +60 °C  during transport  -20 +80 °C  Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value  • at AC-3 rated value • at AC-3 rated value • at 500 V rated value	product brand name	SIRIUS
manufacturer's article number  • of the supplied contactor • of the supplied contactor • of the supplied inclub-reakers • of the supplied link module 3RA1921-1DA00  General technical data  size of the circuit-breaker size of load feeder product extension auxiliary switch value degree of pollution 3 surge voltage resistance rated value degree of pollution 3 surge voltage resistance rated value 4 shock resistance according to IEC 60068-2-27 6 sphore feeding to IEC 6006	product designation	non-fused motor starter 3RA2
of the supplied circuit-breakers     of the supplied link module     of the supplied link module     sarayzott-tEA15     of the supplied link module     sarayzott-tEA15     size of the circuit-breaker     size of the circuit-breaker     size of load feeder     product extension auxiliary switch     ves     insulation voltage with degree of pollution 3 at AC rated value     degree of pollution     surge voltage resistance rated value     degree of pollution     surge voltage resistance rated value     shock resistance according to IEC 60068-2-27     mechanical service life (switching cycles) of contactor typical     type of assignment     during operation     outring storage     outring storage     outring storage     outring transport      deding operation     during transport      design of the switching contact     adjustable current response value current of the current-dependent overload release     operating voltage	design of the product	direct starter
of the supplied circuit-breakers     of the supplied link module     3RA1921-1DA00  General technical data  size of the circuit-breaker     size of load feeder     product extension auxiliary switch     insulation voltage with degree of pollution 3 at AC rated     value  degree of pollution     surge voltage resistance rated value     shock resistance according to IEC 60068-2-27     mechanical service life (switching cycles) of contactor typical  type of assignment  2 Ambient conditions  amient temperature     ouring operation     during storage     during storage     during storage     during transport  Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage     a tade value     at AC-3 rated value maximum     operating power at AC-3     at 400 V rated value     at 400 V rated value     at 500 V vated value     at 500 V rated value     control circuit/ Control control supply voltage at AC	manufacturer's article number	
of the supplied link module     size of the circuit-breaker     size of the circuit-breaker     size of toad feeder     product extension auxiliary switch     resistance according to IEC 60068-2-27     mechanical service life (switching cycles) of contactor typical     type of assignment     during operation     during operation     during storage     during storage     during transport     design of the switching current circuit     adigustable current response value current of the current-dependent overload release     operating requency rated value     at AC-3 rated value maximum     each of Value     at 400 V rated value     at 500 V      surge voltage resistance rated value     6 kW     shock resistance according to IEC 60068-2-27     6g / 11 ms     30 000 000     typical     type of assignment     2  Ambient conditions  ambient temperature     during operation     -20 +60 °C     -55 +80 °C  Main circuit  number of poles for main current circuit     design of the switching contact     adjustable current response value current of the current-dependent overload release     operating requency rated value     operating frequency rated value     operating frequency rated value     operating power at AC-3     at 400 V rated value     at 500 V rated value     control circuit/ Control control supply voltage at AC	<ul> <li>of the supplied contactor</li> </ul>	<u>3RT2015-1AK61</u>
size of the circuit-breaker S00  size of load feeder S00  product extension auxiliary switch Yes insulation voltage with degree of pollution 3 at AC rated value 690 V  surge voltage resistance rated value 6k V shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (switching cycles) of contactor typical service life (switching cycles) of contactor typical service life (switching cycles) of contactor typical surge of a single product of the switching cycles) of contactor typical surge of assignment 2  Ambient conditions  ambient temperature  • during operation -20 +60 °C • during storage -50 +80 °C  during transport -55 +80 °C  Main circuit  number of poles for main current circuit 3  design of the switching contact electromechanical adjustable current response value current of the current-dependent overload release  operating voltage  • 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 3.6 A  operating power at AC-3  • at 400 V rated value 1500 W  • at 500 V rated value 2 200 W  Control circuit/ Control  control supply voltage at AC	<ul> <li>of the supplied circuit-breakers</li> </ul>	3RV2011-1EA15
size of the circuit-breaker S00  size of load feeder S00  product extension auxiliary switch Sego V res Size of load feeder S00  product extension auxiliary switch Sego V res Size of load feeder S00 V res S00 V res Size of load feeder S00 V res S00 V res Size of load feeder S00 V res R00 V res S00 V res S	<ul> <li>of the supplied link module</li> </ul>	3RA1921-1DA00
size of load feeder S00 product extension auxiliary switch Yes insulation voltage with degree of pollution 3 at AC rated value  degree of pollution 3 surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (switching cycles) of contactor typical type of assignment 2  Ambient conditions ambient temperature  during operation -20 +60 °C during storage -55 +80 °C  Main circuit number of poles for main current circuit 3 design of the switching contact electromechanical adjustable current response value current of the current-dependent overload release operating voltage  at AC-3 rated value 690 V operating frequency rated value 50 60 Hz operating power at AC-3 at 500 V rated value at 500 V rated value at 500 V rated value  at 500 V rated value  50 60 Hz operating power at AC-3  at 500 V rated value  1 500 W  2 200 W Control circuit/ Control control supply voltage at AC	General technical data	
product extension auxiliary switch insulation voltage with degree of pollution 3 at AC rated value  degree of pollution 3 surge voltage resistance rated value shock resistance according to IEC 60068-2-27 68 / 11 ms mechanical service life (switching cycles) of contactor typical type of assignment 2 Ambient conditions  ambient temperature during operation during storage during transport  number of poles for main current circuit adigustable current response value current of the current-dependent overload release operating voltage a tack of Ac at 400 V rated value a ta 500 V rated value at 500 V rated value 2 200 W Control circuit/Control control supply voltage at AC	size of the circuit-breaker	S00
insulation voltage with degree of pollution 3 at AC rated value  degree of pollution  surge voltage resistance rated value shock resistance according to IEC 60068-2-27  mechanical service life (switching cycles) of contactor typical  type of assignment  2  Ambient conditions  ambient temperature during operation during storage during storage during transport  -55 +80 °C  Main circuit  number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release  operating voltage rated value at AC-3 rated value maximum operating frequency rated value operating power at AC-3 at 400 V rated value at 500 V rated value 2 200 W  Control circuit/Control control supply voltage at AC	size of load feeder	S00
degree of pollution 3 surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (switching cycles) of contactor typical 30 000 000 type of assignment 2  Ambient conditions  ambient temperature  • during operation -20 +60 °C • during storage -50 +80 °C  • during transport -55 +80 °C  Main circuit number of poles for main current circuit 3 design of the switching contact electromechanical adjustable current response value current of the current-dependent overload release  operating voltage  • rated value 690 V operating frequency rated value 50 60 Hz operating power at AC-3 • at 400 V rated value 1500 W • at 500 V rated value 2 200 W  Control circuit/Control control supply voltage at AC	product extension auxiliary switch	Yes
surge voltage resistance rated value shock resistance according to IEC 60068-2-27  mechanical service life (switching cycles) of contactor typical  type of assignment  2  Ambient conditions  ambient temperature	9 1	690 V
shock resistance according to IEC 60068-2-27  mechanical service life (switching cycles) of contactor typical  type of assignment  2  Ambient conditions  amblent temperature  • during operation • during storage • during transport  -50 +80 °C  • during transport  -55 +80 °C  Main circuit  number of poles for main current circuit  design of the switching contact adjustable current response value current of the current-dependent overload release  operating voltage • rated value • at AC-3 rated value maximum  operating frequency rated value  operational current at AC-3 at 400 V rated value • at 400 V rated value • at 500 V rated value • control circuit/ Control  control supply voltage at AC	degree of pollution	3
mechanical service life (switching cycles) of contactor typical  type of assignment  2  Ambient conditions  ambient temperature  • during operation • during storage • during transport  -20 +60 °C  • during transport  -55 +80 °C  Main circuit  number of poles for main current circuit  design of the switching contact  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value • at AC-3 rated value maximum  operating frequency rated value  operating power at AC-3  • at 400 V rated value • at 500 V rated value	surge voltage resistance rated value	6 kV
type of assignment 2 Ambient conditions ambient temperature • during operation • during storage • during transport  -50 +80 °C  during transport  -55 +80 °C  Main circuit  number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value	shock resistance according to IEC 60068-2-27	6g / 11 ms
Ambient conditions  ambient temperature  • during operation  • during storage  • during transport  Ambient circuit  number of poles for main current circuit  design of the switching contact  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operating frequency rated value  operating power at AC-3  • at 400 V rated value  • at 500 V rated value	,	30 000 000
ambient temperature  • during operation • during storage • during transport  -50 +80 °C • during transport  -55 +80 °C  Main circuit  number of poles for main current circuit  design of the switching contact  adjustable current response value current of the current-dependent overload release  operating voltage • rated value • at AC-3 rated value maximum  operating frequency rated value  operating frequency rated value  operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 500 V rated value  control circuit/ Control  control supply voltage at AC	type of assignment	2
<ul> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>55 +80 °C</li> </ul> Main circuit <ul> <li>number of poles for main current circuit</li> <li>design of the switching contact</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage</li> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>operating frequency rated value</li> <li>operating power at AC-3 at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 500 W</li> <li>at 500 V rated value</li> </ul>	Ambient conditions	
during storage     during transport      during transport      number of poles for main current circuit     design of the switching contact     adjustable current response value current of the current-dependent overload release      operating voltage         erated value             eat AC-3 rated value maximum	ambient temperature	
<ul> <li>during transport</li> <li>-55 +80 °C</li> </ul> Main circuit <ul> <li>number of poles for main current circuit</li> <li>design of the switching contact</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage</li> <li>e rated value</li> <li>e at AC-3 rated value maximum</li> <li>operating frequency rated value</li> <li>operating frequency rated value</li> <li>operational current at AC-3 at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 500 W</li> </ul> • at 500 V rated value <ul> <li>200 W</li> </ul> Control circuit/ Control control supply voltage at AC	<ul> <li>during operation</li> </ul>	-20 +60 °C
Main circuit  number of poles for main current circuit  design of the switching contact  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operating frequency rated value  operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  • at 500 V rated value  2 200 W  Control circuit/ Control  control supply voltage at AC	<ul> <li>during storage</li> </ul>	-50 +80 °C
number of poles for main current circuit  design of the switching contact  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operating frequency rated value  operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  • at 500 V rated value  2.8 4 A  690 V  690 V  50 60 Hz  3.6 A	<ul> <li>during transport</li> </ul>	-55 +80 °C
design of the switching contact adjustable current response value current of the current-dependent overload release  operating voltage  • rated value • at AC-3 rated value maximum  operating frequency rated value  operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  1 500 W  • at 500 V rated value  2 200 W  Control circuit/ Control  control supply voltage at AC	Main circuit	
adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  690 V  operating frequency rated value  operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  • at 500 V rated value  • at 500 V rated value  control circuit/ Control  control supply voltage at AC	number of poles for main current circuit	3
current-dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  690 V  operating frequency rated value  operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  • at 500 V rated value  operational current value  1 500 W  • at 500 V rated value  control circuit/ Control  control supply voltage at AC	design of the switching contact	electromechanical
<ul> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>operational current at AC-3 at 400 V rated value</li> <li>operating power at AC-3</li> <li>at 400 V rated value</li> <li>at 500 W</li> <li>at 500 V rated value</li> <li>2 200 W</li> </ul> Control circuit/ Control control supply voltage at AC	•	2.8 4 A
<ul> <li>at AC-3 rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>operational current at AC-3 at 400 V rated value</li> <li>operating power at AC-3</li> <li>at 400 V rated value</li> <li>at 500 W</li> <li>at 500 V rated value</li> <li>2 200 W</li> </ul> Control circuit/ Control control supply voltage at AC	operating voltage	
operating frequency rated value  operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  • at 500 V rated value  Control circuit/ Control  control supply voltage at AC	• rated value	690 V
operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  • at 500 V rated value  Control circuit/ Control  control supply voltage at AC	at AC-3 rated value maximum	690 V
operating power at AC-3  • at 400 V rated value  • at 500 V rated value  2 200 W  Control circuit/ Control  control supply voltage at AC	operating frequency rated value	50 60 Hz
at 400 V rated value     at 500 V rated value     2 200 W  Control circuit/ Control  control supply voltage at AC	operational current at AC-3 at 400 V rated value	3.6 A
at 500 V rated value 2 200 W  Control circuit/ Control  control supply voltage at AC	operating power at AC-3	
Control circuit/ Control control supply voltage at AC	<ul> <li>at 400 V rated value</li> </ul>	1 500 W
control supply voltage at AC	at 500 V rated value	2 200 W
	Control circuit/ Control	
• at 50 Hz rated value 110 V	control supply voltage at AC	
	at 50 Hz rated value	110 V

at 50 Hz rated value	93.5 121 V
at 60 Hz rated value	120 V
at 60 Hz rated value	96 132 V
apparent holding power of magnet coil at AC	4.8 VA
inductive power factor with the holding power of the coil	0.25
Auxiliary circuit	
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	2
Protective and monitoring functions	
trip class	CLASS 10
design of the overload release	thermal (bimetallic)
response value current of instantaneous short-circuit trip	52 A
unit	
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
<ul> <li>at 480 V rated value</li> </ul>	3.95 A
at 600 V rated value	4 A
yielded mechanical performance [hp]	
<ul> <li>for single-phase AC motor</li> </ul>	
<ul> <li>— at 110/120 V rated value</li> </ul>	0.13 hp
— at 230 V rated value	0.33 hp
<ul> <li>for 3-phase AC motor</li> </ul>	
<ul> <li>at 200/208 V rated value</li> </ul>	0.75 hp
<ul> <li>at 220/230 V rated value</li> </ul>	0.75 hp
<ul> <li>— at 460/480 V rated value</li> </ul>	2 hp
<ul> <li>— at 575/600 V rated value</li> </ul>	3 hp
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
conditional short-circuit current (Iq)	
<ul> <li>conditional short-circuit current (Iq)</li> <li>at 400 V according to IEC 60947-4-1 rated value</li> </ul>	153 000 A
	153 000 A
at 400 V according to IEC 60947-4-1 rated value	153 000 A  vertical
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions	
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position	vertical
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method height	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing     for grounded parts     — forwards     — backwards	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing     for grounded parts     — forwards	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing     for grounded parts     — forwards     — backwards	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing  for grounded parts — forwards — backwards — upwards — at the side — downwards	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm  0 mm 0 mm 20 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing  a for grounded parts  — forwards — backwards — upwards — at the side — downwards  a for live parts	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm  0 mm 0 mm 20 mm 9 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing     for grounded parts	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing     for grounded parts         — forwards         — backwards         — upwards         — at the side         — downwards         — for wards         — for live parts         — forwards         — backwards         — at the side         — downwards         — forwards         — forwards         — backwards	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing  at for grounded parts  backwards  upwards  at the side  downwards  for live parts  forwards  backwards  upwards  for live parts  backwards  upwards  upwards  for live parts  packwards  upwards  upwards  upwards  upwards	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm  0 mm 0 mm 20 mm 10 mm 10 mm 0 mm 20 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing     for grounded parts	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 20 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth  required spacing     for grounded parts         — forwards         — backwards         — upwards         — at the side         — downwards         — forwards         — backwards         — upwards         — at the side         — downwards         — backwards         — backwards         — at the side         — downwards         — backwards         — backwards         — at the side         — downwards         — at the side	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm  0 mm 0 mm 20 mm 10 mm 10 mm 0 mm 20 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method height width depth  required spacing  at for grounded parts  backwards  upwards  at the side  downwards  for live parts  forwards  backwards  upwards  at the side  downwards  backwards  upwards  at the side  downwards  at the side  downwards  at the side  connections/ Terminals	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm  0 mm 0 mm 20 mm 10 mm 0 mm 0 mm 10 mm 9 mm 10 mm 9 mm 10 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth  required spacing     for grounded parts         — forwards         — backwards         — upwards         — at the side         — downwards         — forwards         — backwards         — upwards         — at the side         — downwards         — backwards         — backwards         — at the side         — downwards         — backwards         — backwards         — at the side         — downwards         — at the side	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 20 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method height width depth  required spacing  at for grounded parts  forwards  backwards  upwards  at the side  downwards  for live parts  forwards  backwards  upwards  at the side  downwards  for lackwards  upwards  at the side  connections/ Terminals  type of connectable conductor cross-sections	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm  0 mm 0 mm 20 mm 10 mm 0 mm 0 mm 10 mm 9 mm 10 mm 9 mm 10 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth  required spacing  at for grounded parts  - forwards  - backwards  - upwards  - at the side  - downwards  for live parts  - backwards  - upwards  - backwards  - at the side  - downwards  - torwards  - backwards  - backwards  - backwards  - upwards  - backwards  - upwards  - downwards  - torwards  - downwards  - at the side  Connections/ Terminals  type of electrical connection for main current circuit  type of connectable conductor cross-sections  at one in contacts stranded	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 20 mm 9 mm 10 mm screw-type terminals
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth  required spacing     ofor grounded parts	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 20 mm 9 mm 10 mm 20 mm 20 mm 10 mm 20 mm 10 mm 10 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth  required spacing  at for grounded parts  - forwards  - backwards  - upwards  - at the side  - downwards  for live parts  - backwards  - upwards  - backwards  - at the side  - downwards  - torwards  - backwards  - backwards  - backwards  - upwards  - backwards  - upwards  - downwards  - torwards  - downwards  - at the side  Connections/ Terminals  type of electrical connection for main current circuit  type of connectable conductor cross-sections  at one in contacts stranded	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 20 mm 9 mm 10 mm screw-type terminals  0.5 4 mm², 2x (0.75 2.5 mm²)
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing     ofor grounded parts         — forwards         — backwards         — upwards         — at the side         — downwards         — forwards         — backwards         — at the side         — downwards         — backwards         — backwards         — backwards         — at the side         — connections/ Terminals  type of electrical connection for main current circuit  type of connectable conductor cross-sections     ofor main contacts stranded     at AWG cables for main contacts connectable conductor cross-section for main contacts	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 20 mm 9 mm 10 mm 20 mm 20 mm 10 mm 20 mm 10 mm 10 mm
at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  a for grounded parts  backwards  backwards  upwards  at the side  downwards  for live parts  forwards  upwards  at the side  downwards  at the side  for live parts  forwards  at the side  connections/ Terminals  type of electrical connection for main current circuit  type of connectable conductor cross-sections  at AWG cables for main contacts  connectable conductor cross-section for main contacts  finely stranded with core end processing	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 20 mm 9 mm screw-type terminals  0.5 4 mm², 2x (0.75 2.5 mm²) 2x (20 16), only for contactor 2x (18 14), 2x 12

proportion of dangerous failures with high demand rate 73 % according to SN 31920 protection class IP on the front according to IEC IP20 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front

Certificates/ approvals

**General Product Approval** 

For use in hazardous locations

**Declaration of** Conformity



Confirmation









**Declaration of** Conformity

**Test Certificates** 

Marine / Shipping



Type Test Certificates/Test Report

**Special Test Certific-**<u>ate</u>







Marine / Shipping



Confirmation

other

Vibration and Shock

Railway

## Further information

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=3RA2115-1EA15-1AK6

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2115-1EA15-1AK6

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2115-1EA15-1AK6

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2115-1EA15-1AK6&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RA2115-1EA15-1AK6/char

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

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2115-1EA15-1AK6&objecttype=14&qridview=view1

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