## **SIEMENS**

Data sheet 3RT1456-6SF36

0101110



power contactor AC-1 275 A / 690 V / 40  $^{\circ}$ C 3-pole, Uc: 96-127 V AC(50-60 Hz) / DC F-PLC input 24 V DC drive: electronic auxiliary contacts 2 NO + 2 NC main circuit: busbar control and auxiliary circuit: screw terminal

product brand name	SIRIUS			
product designation	Contactor			
product type designation	3RT14			
General technical data				
size of contactor	S6			
product extension				
<ul> <li>function module for communication</li> </ul>	No			
auxiliary switch	Yes			
power loss [W] for rated value of the current				
<ul> <li>at AC in hot operating state</li> </ul>	86.4 W			
<ul> <li>at AC in hot operating state per pole</li> </ul>	28.8 W			
<ul> <li>without load current share typical</li> </ul>	2.8 W			
type of calculation of power loss depending on pole	quadratic			
insulation voltage				
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	1 000 V			
of auxiliary circuit with degree of pollution 3 rated value	500 V			
surge voltage resistance				
<ul> <li>of main circuit rated value</li> </ul>	8 kV			
of auxiliary circuit rated value	6 kV			
shock resistance at rectangular impulse				
• at AC	8,5g / 5 ms, 4,2g / 10 ms			
• at DC	8,5g / 5 ms, 4,2g / 10 ms			
shock resistance with sine pulse				
• at AC	13,4g / 5 ms, 6,5g / 10 ms			
• at DC	13,4g / 5 ms, 6,5g / 10 ms			
mechanical service life (operating cycles)				
of contactor typical	10 000 000			
<ul> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> </ul>	5 000 000			
of the contactor with added auxiliary switch block typical	10 000 000			
reference code according to IEC 81346-2	Q			
Substance Prohibitance (Date)	03/01/2017			
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 Perfluorobutane sulfonic acid (PFBS) and its salts			
Ambient conditions				
installation altitude at height above sea level maximum	2 000 m			
ambient temperature				
during operation	-25 +60 °C			
<ul> <li>during storage</li> </ul>	-55 +80 °C			

relative humidity minimum	10 %
relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30	95 %
maximum	00 70
Main circuit	
number of poles for main current circuit	3
number of NO contacts for main contacts	3
number of NC contacts for main contacts	0
type of voltage for main current circuit	AC
operational current	
• at AC-1	
— up to 690 V at ambient temperature 40 $^{\circ}\text{C}$ rated value	275 A
— up to 690 V at ambient temperature 55 °C rated value	250 A
— up to 690 V at ambient temperature 60 °C rated value	250 A
• at AC-3	07.4
— at 400 V rated value	97 A
— at 690 V rated value	97 A
minimum cross-section in main circuit at maximum AC-1 rated value	140 mm <sup>2</sup>
no-load switching frequency	4 000 4/h
• at AC	1 000 1/h
• at DC	1 000 1/h 200 1/h
operating frequency at AC-1 maximum  Control circuit/ Control	200 1/11
	AC/DC
type of voltage	AC/DC AC/DC
type of voltage of the control supply voltage  control supply voltage at AC	NO/DO
at 50 Hz rated value	96 127 V
at 60 Hz rated value	96 127 V
control supply voltage at DC rated value	VV 121 V
Totaled value	96 127 V
operating range factor control supply voltage rated value of magnet coil at DC	
initial value	0.8
• full-scale value	1.1
operating range factor control supply voltage rated value of magnet coil at AC	
• at 50 Hz	0.8 1.1
● at 60 Hz	0.8 1.1
type of PLC-control input according to IEC 60947-1	Type 1
consumed current at PLC-control input according to IEC 60947-1 maximum	30 mA
design of the surge suppressor	with varistor
apparent pick-up power	
at minimum rated control supply voltage at AC	400.1/4
— at 50 Hz	190 VA
— at 60 Hz	190 VA
<ul> <li>at maximum rated control supply voltage at AC</li> <li>— at 60 Hz</li> </ul>	280 VA
— at 50 Hz	280 VA
apparent pick-up power of magnet coil at AC	280 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.8
apparent holding power	
<ul> <li>at minimum rated control supply voltage at DC</li> </ul>	2.1 VA
at maximum rated control supply voltage at DC	2.8 VA
apparent holding power	
<ul> <li>at minimum rated control supply voltage at AC</li> </ul>	
— at 50 Hz	4.3 VA
— at 60 Hz	4.3 VA

at maximum rated control supply voltage at AC				
— at 50 Hz	5.2 VA			
— at 60 Hz	5.2 VA 5.2 VA			
apparent holding power of magnet coil at AC	0.2 V/			
• at 50 Hz	4.4 VA			
inductive power factor with the holding power of the coil				
• at 50 Hz	0.5			
closing power of magnet coil at DC	320 W			
holding power of magnet coil at DC	2.8 W			
closing delay	2.0 17			
• at AC	60 75 ms			
• at DC	60 75 ms			
opening delay				
• at AC	115 130 ms			
• at DC	115 130 ms			
arcing time				
control version of the switch operating mechanism	10 15 ms Fail-safe PLC input (F-PLC-IN)			
Auxiliary circuit	I dil-Sale I Lo lilput (I -I Lo-IIV)			
number of NC contacts for auxiliary contacts	2			
attachable	4			
instantaneous contact  number of NO contacts for auxiliary contacts.	2			
number of NO contacts for auxiliary contacts  • attachable				
	4			
instantaneous contact	2			
operational current at AC-12 maximum	10 A			
operational current at AC-15				
at 230 V rated value	6 A			
at 400 V rated value	3 A			
at 500 V rated value	2 A			
at 690 V rated value	1 A			
operational current at DC-13				
at 24 V rated value	10 A			
at 48 V rated value	2 A			
at 60 V rated value	2 A			
at 110 V rated value	1 A			
• at 125 V rated value	0.9 A			
at 220 V rated value	0.3 A			
at 600 V rated value	0.1 A			
design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required	gG: 10 A (230 V, 400 A)			
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)			
Short-circuit protection				
product function short circuit protection	No			
design of the fuse link				
<ul> <li>for short-circuit protection of the main circuit</li> </ul>				
<ul> <li>— with type of coordination 1 required</li> </ul>	gG: 355 A (690 V, 100 kA)			
<ul> <li>— with type of assignment 2 required</li> </ul>	gR: 350 A (690 V, 100 kA)			
• for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)			
Installation/ mounting/ dimensions				
mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back			
fastening method	screw fixing			
height	172 mm			
width	120 mm			
depth	170 mm			
required spacing				
with side-by-side mounting				
— forwards	20 mm			
— upwards	10 mm			
— downwards	10 mm			
— downwards	10 mm			
— at the side	10 mm 0 mm			

<ul> <li>for grounded parts</li> </ul>				
— forwards	20 mm			
— upwards	10 mm			
— at the side	10 mm			
— downwards	10 mm			
for live parts				
— forwards	20 mm			
— upwards	10 mm			
— downwards	10 mm			
— at the side	10 mm			
Connections/ Terminals				
type of electrical connection				
for main current circuit	Connection bar			
<ul> <li>for auxiliary and control circuit</li> </ul>	screw-type terminals			
at contactor for auxiliary contacts	Screw-type terminals			
of magnet coil	Screw-type terminals			
width of connection bar	17 mm			
thickness of connection bar	3 mm			
diameter of holes	9 mm			
number of holes	1			
connectable conductor cross-section for main contacts				
solid or stranded	25 120 mm²			
• stranded	25 120 mm²			
connectable conductor cross-section for auxiliary contacts				
solid or stranded	0.5 4 mm²			
finely stranded with core end processing	0.5 2.5 mm²			
type of connectable conductor cross-sections				
for auxiliary contacts				
— solid	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)			
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)			
Solid of Straffded				
— finely stranded with core end processing	2x (0.5			
- finely stranded with core end processing - for AWG cables for auxiliary contacts.	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12			
for AWG cables for auxiliary contacts	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12			
for AWG cables for auxiliary contacts  Safety related data				
for AWG cables for auxiliary contacts  Safety related data  product function	2x (20 16), 2x (18 14), 1x 12			
for AWG cables for auxiliary contacts  Safety related data  product function  mirror contact according to IEC 60947-4-1	2x (20 16), 2x (18 14), 1x 12  Yes			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1	2x (20 16), 2x (18 14), 1x 12  Yes No			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function	2x (20 16), 2x (18 14), 1x 12  Yes No Yes			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes Off			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes off 0			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures     with low demand rate according to SN 31920	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes Off 0 40 %			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes off 0  40 % 73 %			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  B10 value with high demand rate according to SN 31920	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes off 0  40 % 73 % 1 000 000			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes off 0  40 % 73 %			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  B10 value with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes off 0  40 % 73 % 1 000 000			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  B10 value with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes off 0  40 % 73 % 1 000 000			
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for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  B10 value with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  IEC 62061  SIL Claim Limit (subsystem) according to EN 62061	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes off 0  40 % 73 % 1 000 000 100 FIT			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  B10 value with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  IEC 62061  SIL Claim Limit (subsystem) according to EN 62061  PFHD with high demand rate according to IEC 62061  ISO 13849	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes off 0  40 % 73 % 1 000 000 100 FIT			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  B10 value with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  IEC 62061  SIL Claim Limit (subsystem) according to EN 62061  PFHD with high demand rate according to IEC 62061  ISO 13849  performance level (PL) according to EN ISO 13849-1	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes off 0  40 % 73 % 1 000 000 100 FIT			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  B10 value with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  IEC 62061  SIL Claim Limit (subsystem) according to EN 62061  PFHD with high demand rate according to IEC 62061  ISO 13849  performance level (PL) according to EN ISO 13849-1  category according to EN ISO 13849-1	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes off 0  40 % 73 % 1 000 000 100 FIT  2 4.5E-7 1/h			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  B10 value with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  IEC 62061  SIL Claim Limit (subsystem) according to EN 62061  PFHD with high demand rate according to IEC 62061  ISO 13849  performance level (PL) according to EN ISO 13849-1  category according to EN ISO 13849-1	Yes No Yes Yes Off O  40 % 73 % 1 000 000 100 FIT  PL c 2			
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for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  B10 value with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  IEC 62061  SIL Claim Limit (subsystem) according to EN 62061  PFHD with high demand rate according to IEC 62061  ISO 13849  performance level (PL) according to EN ISO 13849-1  category according to EN ISO 13849-1  performance level (PL) according to ISO 13849-2 necessary  IEC 61508	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes off 0  40 % 73 % 1 000 000 100 FIT  2 4.5E-7 1/h  PL c 2 c Yes			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  B10 value with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  IEC 62061  SIL Claim Limit (subsystem) according to EN 62061  PFHD with high demand rate according to IEC 62061  ISO 13849  performance level (PL) according to EN ISO 13849-1  category according to EN ISO 13849-1  performance level (PL) according to ISO 13849-2 necessary  IEC 61508  Safety Integrity Level (SIL) according to IEC 61508	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes off 0  40 % 73 % 1 000 000 100 FIT  2 4.5E-7 1/h  PL c 2 c Yes			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  B10 value with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  IEC 62061  SIL Claim Limit (subsystem) according to EN 62061  PFHD with high demand rate according to IEC 62061  ISO 13849  performance level (PL) according to EN ISO 13849-1  category according to EN ISO 13849-1  performance level (PL) according to ISO 13849-1  overdimensioning according to ISO 13849-2 necessary  IEC 61508  Safety Integrity Level (SIL) according to IEC 61508-2	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes off 0  40 % 73 % 1 000 000 100 FIT  2 4.5E-7 1/h  PL c 2 c Yes			
• for AWG cables for auxiliary contacts  Safety related data  product function  • mirror contact according to IEC 60947-4-1  • positively driven operation according to IEC 60947-5-1  • suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures  • with low demand rate according to SN 31920  • with high demand rate according to SN 31920  B10 value with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  IEC 62061  SIL Claim Limit (subsystem) according to EN 62061  PFHD with high demand rate according to IEC 62061  ISO 13849  performance level (PL) according to EN ISO 13849-1  category according to EN ISO 13849-1  performance level (PL) according to ISO 13849-1  overdimensioning according to ISO 13849-2 necessary  IEC 61508  Safety Integrity Level (SIL) according to IEC 61508-2  PFHD with high demand rate according to IEC 61508-2  PFHD with high demand rate according to IEC 61508	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes off 0  40 % 73 % 1 000 000 100 FIT  2 4.5E-7 1/h  PL c 2 C Yes			
for AWG cables for auxiliary contacts  Safety related data  product function     mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1     suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  B10 value with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  IEC 62061  SIL Claim Limit (subsystem) according to EN 62061  PFHD with high demand rate according to IEC 62061  ISO 13849  performance level (PL) according to EN ISO 13849-1  category according to EN ISO 13849-1  performance level (PL) according to ISO 13849-1  overdimensioning according to ISO 13849-2 necessary  IEC 61508  Safety Integrity Level (SIL) according to IEC 61508  PFHD with high demand rate according to IEC 61508  PFHD with high demand rate according to IEC 61508  PFDavg with low demand rate according to IEC 61508	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes off 0  40 % 73 % 1 000 000 100 FIT  2 4.5E-7 1/h  PL c 2 c Yes			
• for AWG cables for auxiliary contacts  Safety related data  product function  • mirror contact according to IEC 60947-4-1  • positively driven operation according to IEC 60947-5-1  • suitable for safety function  suitability for use safety-related switching OFF  safe state  stop category according to IEC 60204-1  proportion of dangerous failures  • with low demand rate according to SN 31920  • with high demand rate according to SN 31920  B10 value with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  IEC 62061  SIL Claim Limit (subsystem) according to EN 62061  PFHD with high demand rate according to IEC 62061  ISO 13849  performance level (PL) according to EN ISO 13849-1  category according to EN ISO 13849-1  performance level (PL) according to ISO 13849-1  overdimensioning according to ISO 13849-2 necessary  IEC 61508  Safety Integrity Level (SIL) according to IEC 61508-2  PFHD with high demand rate according to IEC 61508-2  PFHD with high demand rate according to IEC 61508	2x (20 16), 2x (18 14), 1x 12  Yes No Yes Yes off 0  40 % 73 % 1 000 000 100 FIT  2 4.5E-7 1/h  PL c 2 C Yes			

T1 value

• according to IEC 61508

• of service life according to IEC 61508

 for proof test interval or service life according to IEC 61508 20 a 20 a

20 a

Electrical Safety

protection class IP on the front according to IEC 60529

touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front with box terminal/cover

**Approvals Certificates** 

**General Product Approval** 







Confirmation

IP00; IP20 with box terminal/cover



<u>KC</u>

General Product Approval

**EMV** 

**Functional Saftey** 

**Test Certificates** 

other





Type Examination Certificate

Type Test Certificates/Test Report

Special Test Certificate

Confirmation

other

Railway

Environment

**Miscellaneous** 

Special Test Certific-

Environmental Confirmations

## Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT1456-6SF36

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1456-6SF36

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT1456-6SF36

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

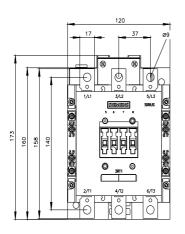
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT1456-6SF36&lang=en

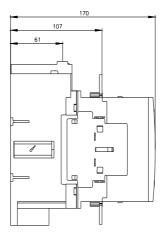
Characteristic: Tripping characteristics, I²t, Let-through current

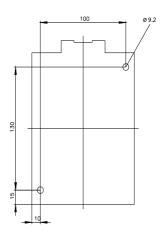
https://support.industry.siemens.com/cs/ww/en/ps/3RT1456-6SF36/char

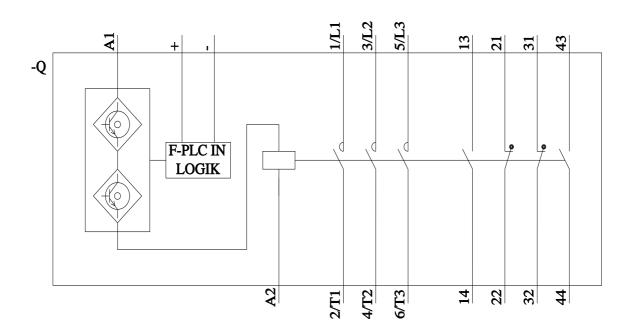
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1456-6SF36&objecttype=14&gridview=view1









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