

withdrawable circuit breakers with guide frame and PSS 3-pole, frame size 0, IEC In=1000A to 690V, 50/60Hz AC Icu=55kA at 415V Icu=50kA at 500V Icu=42kA at 690V ETU350 electronic trip units LSI rotary coding switch with tripped signaling switch, rtc and 4Aux auxiliary switches protection adjustable I: Ir 0.4-1 In s: isd 1-10 In; I:ii 1-15 In w. var. n conductor protection front, accessible, extended maine connection pieces no communication link, no metering funct. Motorized operating mechanism 220...250 V AC/DC incl. S21 spring energy store switch for charge status indication With electr. and mech. closing Closing coil (CC) 220-240VAC/DC W/ 2nd aux. rel. UVR, instant. Undervoltage 220-240 V AC/DC With 1st aux. release, ST Shunt release 220-240 V AC/DC K50= Ready-to-close signaling RTC auxiliary switch as version 24 V DC digital signal K53= Tripped signaling switch S24 as version 24 V DC digital signal K55= Position signaling switch PSS at guide frame as version 24 V DC digital signal R65= Locking device against moving the slide-in circuit breaker at guide frame, padlock S23= Locking device bracket lock in OFF position, against unauthorized Switching on D=7 mm, metal (Safe Off/disconnector function)

Model	
product brand name	SETRON
design of the product	IEC 60947-2
design of the actuating element	Pushbutton
type of the driving mechanism	Manual/motorized operating mechanism with spring charged signaling switch S21
type of the driving mechanism / motor drive	Yes
design of the overcurrent release	ETU350
General technical data	
number of poles	3
Voltage	
insulation voltage / rated value	1 000 V
operating voltage	
• at AC / at 50/60 Hz / rated value	690 V
Protection class	
protection class IP	IP20
protection class IP / on the front	IP20
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	52 W
Auxiliary circuit	
number of CO contacts / for auxiliary contacts	4
number of NC contacts / for auxiliary contacts	0
number of NO contacts / for auxiliary contacts	0
Suitability	
suitability for use	system protection
Adjustable parameters	
adjustable current response value current / of the current-dependent overload release / initial value	400 A
Product details	
product component	
• trip indicator	Yes
• voltage trigger	Yes
• undervoltage release	Yes
product extension / optional / motor drive	No
Product function	
product function	
• grounding protection	No
• phase failure detection	Yes
Display and operation	
display version	Without display
Short circuit	

operating short-circuit current breaking capacity (Ics)	
<ul style="list-style-type: none"> <li>• at 415 V / rated value</li> <li>• at 440 V / rated value</li> <li>• at 500 V / rated value</li> <li>• at 690 V / rated value</li> </ul>	<ul style="list-style-type: none"> <li>55 kA</li> <li>55 kA</li> <li>50 kA</li> <li>42 kA</li> </ul>
maximum short-circuit current breaking capacity (Icu)	
<ul style="list-style-type: none"> <li>• at 415 V / rated value</li> <li>• at 440 V / rated value</li> <li>• at 500 V / rated value</li> <li>• at 690 V / rated value</li> </ul>	<ul style="list-style-type: none"> <li>55 kA</li> <li>55 kA</li> <li>50 kA</li> <li>42 kA</li> </ul>

#### Connections

arrangement of electrical connectors / for main current circuit	Main terminal on the front, extension supplied
type of electrical connection / for main current circuit	busbar connection

#### Mechanical Design

height	363 mm
width	278 mm
depth	271 mm
fastening method	Withdrawable circuit breakers
net weight	38 kg

#### Environmental conditions

ambient temperature / during operation	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	<ul style="list-style-type: none"> <li>-25 °C</li> <li>70 °C</li> </ul>
ambient temperature / during storage	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	<ul style="list-style-type: none"> <li>-40 °C</li> <li>70 °C</li> </ul>

#### Further information

##### Information on the packaging

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

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1010-2AC35-4HH7-Z K50+K53+K55+R65+S23>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1010-2AC35-4HH7-Z K50+K53+K55+R65+S23>

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

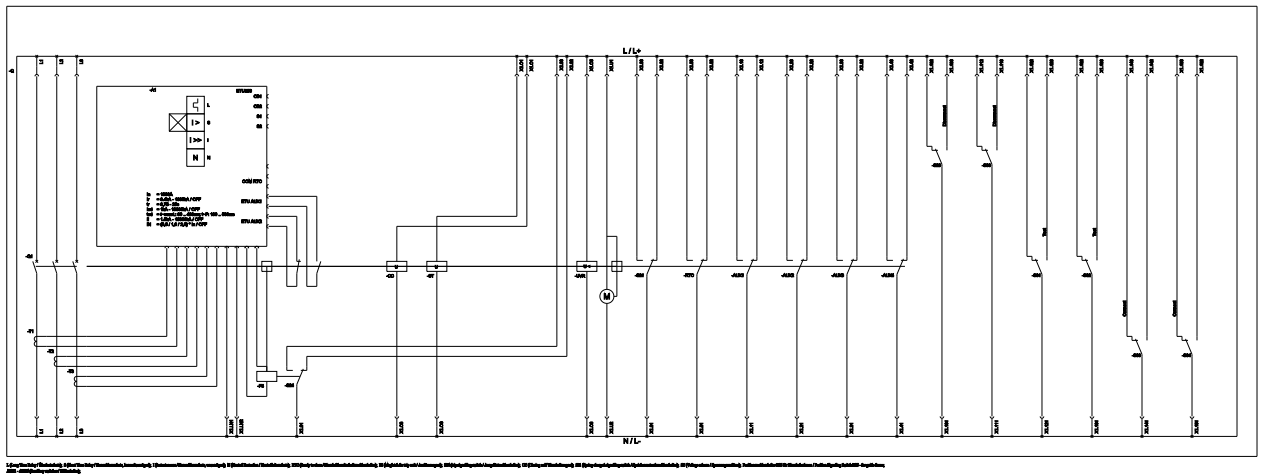
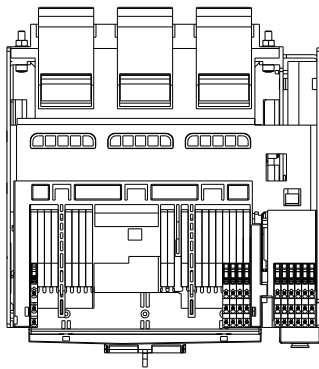
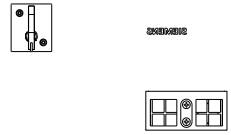
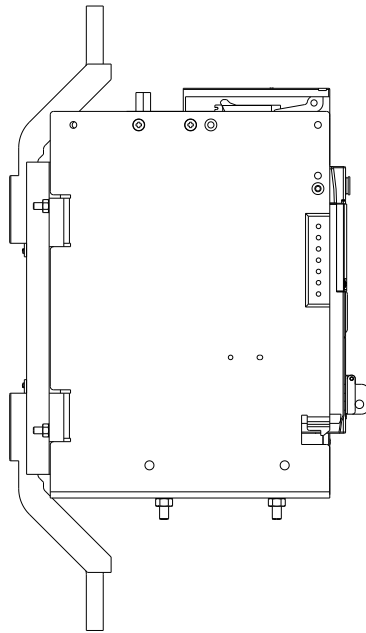
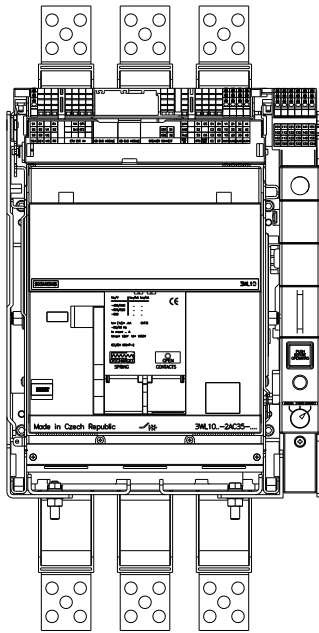
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3WL1010-2AC35-4HH7-Z K50+K53+K55+R65+S23](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1010-2AC35-4HH7-Z K50+K53+K55+R65+S23)

##### CAX-Online-Generator

<http://www.siemens.com/cax>

##### Tender specifications

<http://www.siemens.com/specifications>



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3/13/2020 

