

draw-out circuit breaker without guide frame 3-pole, size II, IEC In=4000A to 690V, AC50/60Hz Icu=66kA at 500V rear terminals horizontal Overcurrent release ETU 27 LSING protection adjustable 0.4-1 in Ground fault/N protection integrated Motorized/manual operating mechanism with spring charging motor AC 50/60 Hz 208-240 V or 220-250 V DC Activation AC 50/60 Hz 230 V, 220 V DC With 1st auxiliary release Shunt release "F", F1 50/60 Hz 230 V AC/220 V DC, 100% on-load factor With 2nd auxiliary release "R", F3 Undervoltage, instant. 208-240 V AC, 220-250 V DC 2NO+2NC F40= Sealing disc for ETU25-76 for protection against unauthorized operation K07= Tripped signaling contact, 1 CO not possible with option F02 S33= Castell/Fortress Tension lever

Model	
design of the product	IEC 60947-2
design of the actuating element	Pushbutton
type of the driving mechanism	Manual/motorized operating mechanism with mechanical and electrical closing
type of the driving mechanism / motor drive	Yes
design of the overcurrent release	ETU27B
General technical data	
number of poles	3
size of the circuit-breaker	2
utilization category	B
circuit-breaker / Design	3WL1
Voltage	
Rated insulation voltage Ui	1 000 V
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
protection function of the overcurrent release	LSING
Dissipation	
power loss [W]	
• for rated value of the current / at AC / in hot operating state / per pole	308.3 W
• maximum	925 W
Main circuit	
operating frequency	
• 1 / rated value	50 Hz
• 2 / rated value	60 Hz
Auxiliary circuit	
number of NC contacts / for auxiliary contacts	2
number of NO contacts / for auxiliary contacts	2
Suitability	
suitability for use	Plant / motor protection
Adjustable parameters	
adjustable current response value current / of the current-dependent overload release / initial value	1 600 A
Product details	
product component	
• trip indicator	Yes
• voltage trigger	Yes
• undervoltage release	Yes
design of the auxiliary switch	2 NO + 2 NC
product extension / optional / motor drive	No

Product function	
<b>product function</b>	
• grounding protection	Yes
• phase failure detection	Yes
Display and operation	
<b>display version</b>	without display
Connections	
arrangement of electrical connectors / for main current circuit	without guide frame
type of electrical connection / for main current circuit	Blade contacts
Mechanical Design	
<b>height</b>	411.5 mm
<b>width</b>	451 mm
<b>depth</b>	337 mm
<b>fastening method</b>	drawer unit
<b>Net Weight</b>	71 kg
Environmental conditions	
<b>ambient temperature / during operation</b>	
• minimum	-20 °C
• maximum	70 °C
<b>ambient temperature / during storage</b>	
• minimum	-40 °C
• maximum	70 °C
Further information	
<b>Information on the packaging</b> <a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a>	
<b>Information for data generation and storage</b> <a href="https://support.industry.siemens.com/cs/ww/en/view/109995012">https://support.industry.siemens.com/cs/ww/en/view/109995012</a>	
<b>Information- and Downloadcenter (Catalogs, Brochures,...)</b> <a href="https://www.siemens.com/lowvoltage/catalogs">https://www.siemens.com/lowvoltage/catalogs</a>	
<b>Industry Mall (Online ordering system)</b> <a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1240-2DG35-4GN2-Z F40+K07+S33">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1240-2DG35-4GN2-Z F40+K07+S33</a>	
<b>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)</b> <a href="https://support.industry.siemens.com/cs/ww/en/ps/3WL1240-2DG35-4GN2-Z F40+K07+S33">https://support.industry.siemens.com/cs/ww/en/ps/3WL1240-2DG35-4GN2-Z F40+K07+S33</a>	
<b>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)</b> <a href="https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1240-2DG35-4GN2-Z F40+K07+S33">https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1240-2DG35-4GN2-Z F40+K07+S33</a>	
<b>CAX-Online-Generator</b> <a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a>	
<b>Tender specifications</b> <a href="https://www.siemens.com/specifications">https://www.siemens.com/specifications</a>	
<b>Characteristic curves</b> <a haupt"&gt;&lt;="" href="https://curves.simaris.siemens.com/curves/&lt;mmp_prod_noCOMP=" mmp_prod_no&gt;"="">https://curves.simaris.siemens.com/curves/&lt;mmp_prod_noCOMP="HAUPT"&gt;&lt;/mmp_prod_no&gt;</a>	
 	

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