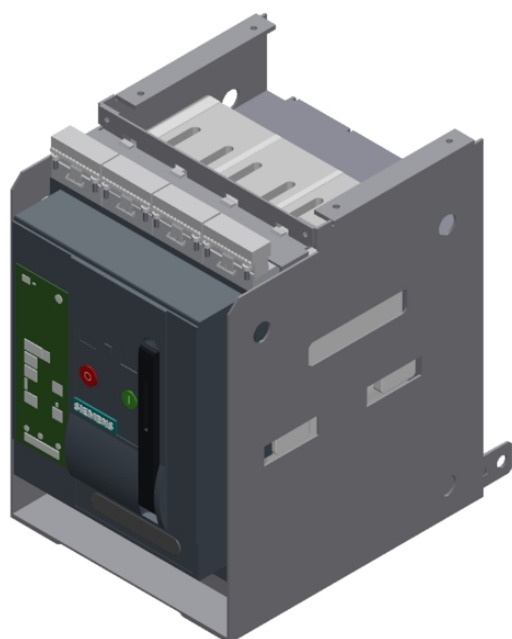




WITHDRAWABLE CIRCUIT BREAKER WITH GUIDE FRAME 3-POLE,
 SIZE I, IEC IN=630A TO 690V,
 AC50/60HZ ICU=55KA AT 500V W. CONNECTION FLANGE ELECTRONIC TRIP UNIT ETU 27 LSING PROT. ADJUST.B 0.4-1IN EARTH FAULT/ N-PROT. INTEGRATED MOT./MAN. OPER.MECHAN. W.STOR. DRIVE MOTOR AC 50/60HZ 208-240V BZW DC 220-250V REQU. AC 50/60HZ 230V, DC 220V WITH 1ST AUXILIARY RELEASE SHUNT TRIP"F",
 F1 AC50/60HZ 230V/ DC 220V,100%ED WITHOUT 2ND SHUNT TRIP 4NO+4NC K07 = TRIPPED-SIGNALLING CONTACT,
 1W R15 = WITHDRAWABLE POSITION SWITCH 3 CHANGE-OVER CONTACT

General technical data:

Ambient temperature

- during operating
- during storage

°C -20 ... +70

°C -40 ... +70

Protection class IP

IP20

Reference code / according to DIN EN 61346-2

Q

Mounting type

drawer unit

Number of poles

3

Size of the circuit-breaker

1

Main circuit:

Design of the electrical connection / for main current circuit

busbar connection

Continuous current / rated value

A 630

Operating current

- at 50 °C / rated value
- at 55 °C / rated value
- at 60 °C / rated value
- at 65 °C / rated value
- at 70 °C / rated value

A 630
 A 630
 A 630
 A 630
 A 630

Operating voltage / at 50/60 Hz / for AC / rated value

V 690

Insulation voltage / rated value	V	1,000
Active power loss / maximum	W	195

Short-circuit:

Breaking capacity maximum short-circuit current (Ics)		
• at 500 V / rated value	kA	55
• at 690 V / rated value	kA	42
Breaking capacity operating short-circuit current (Ics)		
• at 500 V / rated value	kA	55
• at 690 V / rated value	kA	42
Short-time withstand current (Icw)		
• restricted to 0.5 s / rated value	kA	55
• limited to 1 s / rated value	kA	42
• restricted to 2 s / rated value	kA	29.5
• restricted to 3 s / rated value	kA	24
Ultimate short-circuit current making capacity (Icm)		
• at 500 V / rated value	kA	121
• at 690 V / rated value	kA	88

Overcurrent Release:

Design of the overcurrent release		ETU27B
Type of display		without display
Protective function of the overcurrent release		LSING

Auxiliary circuit:

Number of NO contacts / for auxiliary contacts		4
Number of NC contacts / for auxiliary contacts		4
Product component		
• undervoltage release mechanism		No
• Voltage trigger		Yes
Product function / phase disturbance recognition		Yes

Certificates/approvals:

General Product Approval

Declaration of Conformity



CB



CCC



GOST

[other](#)



VDE



EG-Konf.

Test Certificates

[Special Test
Certificate](#)

Shipping Approval



ABS



DNV



GL



LRS



PRS



RMRS

other

[other](#)

[Environmental
Confirmations](#)

Further information:

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

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3WL1106-2DG38-4GA4-ZK07R15>

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

<http://support.automation.siemens.com/WW/view/en/3WL1106-2DG38-4GA4-ZK07R15/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1106-2DG38-4GA4-ZK07R15

CAX-Online-Generator

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

Tender specifications

[Datanorm](#) [GAEB81](#) [GAEB83](#) [RTF](#) [TXT](#)

last change:

Jul 30, 2014