



27.07.2022 7:43:51 PM

3WL1116-2DG36-1AA2



Image similar

withdrawable circuit breaker with guide frame 3-pole, size I, IEC In=1600A to 690V, AC50/60Hz Icu=55kA at 500V rear connection horizontal Overcurrent release ETU 27 LSING protection adjustable 0.4-1 in Ground fault/N protection integrated With manual operating mechanism with storage with mechanical request without 1st auxiliary release without 2nd auxiliary release 2NO+2NC

List Price	Show prices
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Product

Article Number (Market Facing Number)	3WL1116-2DG36-1AA2
Product Description	withdrawable circuit breaker with guide frame 3-pole, size I, IEC In=1600A to 690V, AC50/60Hz Icu=55kA at 500V rear connection horizontal Overcurrent release ETU 27 LSING protection adjustable 0.4-1 in Ground fault/N protection integrated With manual operating mechanism with storage with mechanical request without 1st auxiliary release without 2nd auxiliary release 2NO+2NC
Product family	3-pole
Product Lifecycle (PLM)	PM300:Active Product

Price data

Region Specific PriceGroup / Headquarter Price Group	12M / 1CA
List Price	Show prices
Customer Price	Show prices
Surcharge for Raw Materials	None
Metal Factor	LAO----

Delivery information

Export Control Regulations	ECCN : EAR99 / AL : N
Standard lead time ex-works	80 Day/Days
Net Weight (kg)	70,000 Kg
Package size unit of measure	Not available
Quantity Unit	1 Piece
Packaging Quantity	1

Additional Product Information

EAN	Not available
UPC	Not available
Commodity Code	85362090
LKZ_FDB/ CatalogID	LV10.1
Product Group	3745
Group Code	P360
Country of origin	Czech Republic
Compliance with the substance restrictions according to RoHS directive	Given
Product class	C: products manufactured / produced to order, which cannot be reused or re-utilised or be returned against credit.
WEEE (2012/19/EU) Take-Back Obligation	No
REACH Art. 33 Duty to inform according to the current list of candidates	

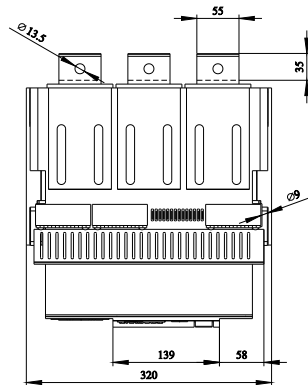
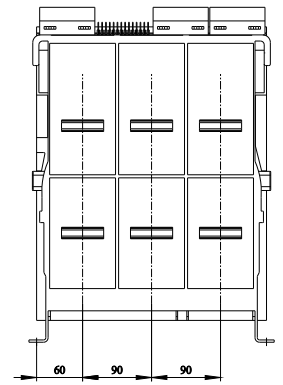
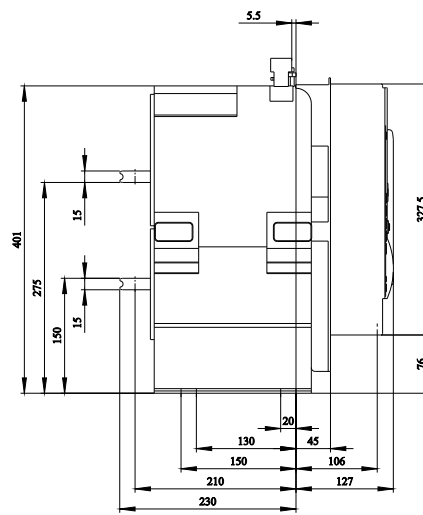
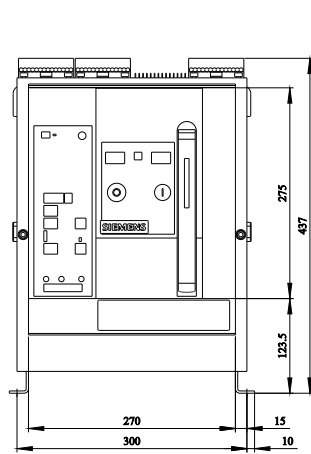
Classifications

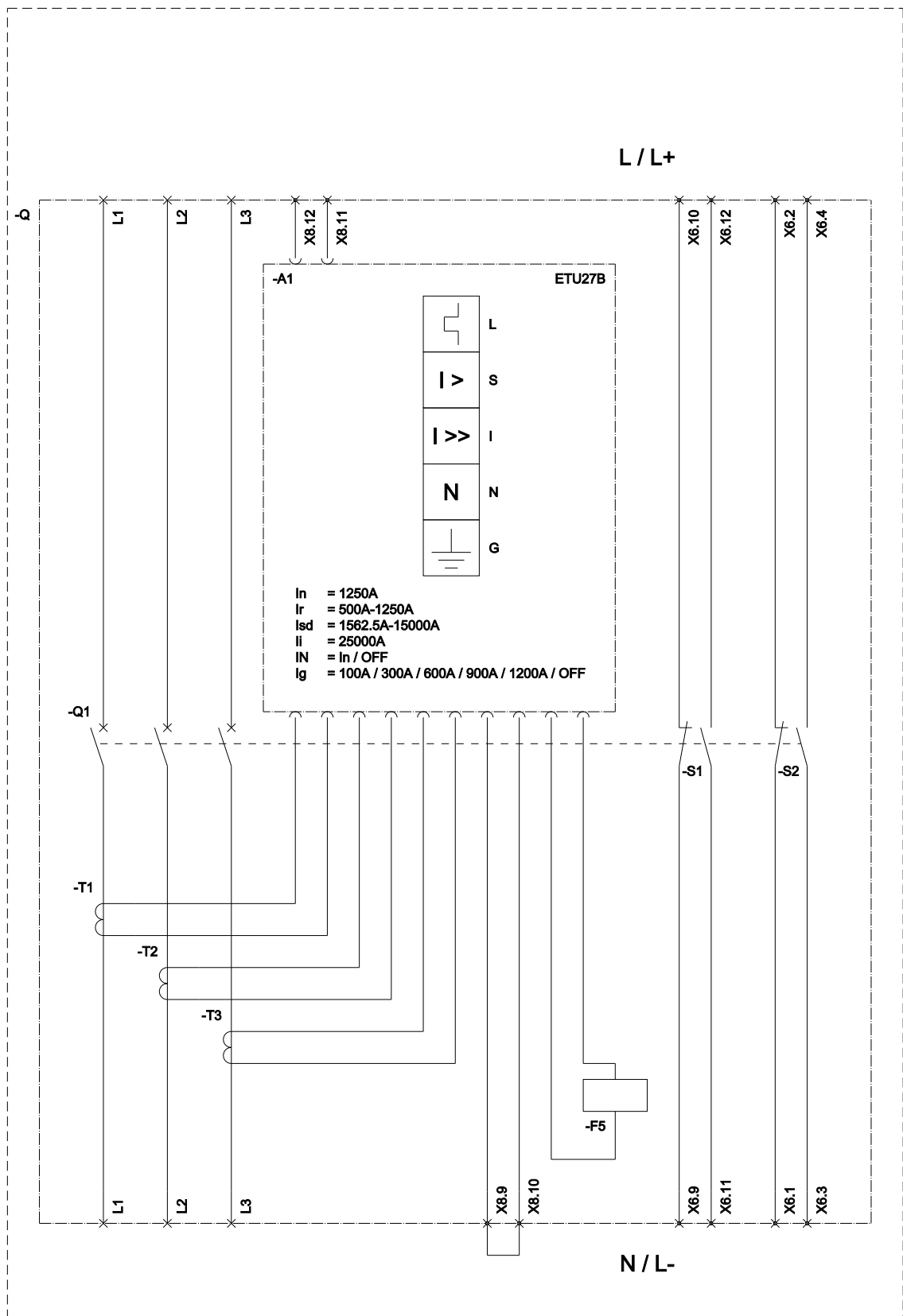
	Version	Classification
eClass	1.2	27-37-04-09
eClass	6	27-37-04-09
eClass	7.1	27-37-04-09
eClass	8	27-37-04-09
eClass	9	27-37-04-09
eClass	9.1	27-37-04-09
ETIM	7	EC000228
ETIM	8	EC000228
IDEA	4	4850
UNSPSC	15	39-12-16-01

fixed-mounted circuit breaker 3-pole, size I, IEC In=1250A to 690V, AC50/60Hz
Icu=55kA at 500V rear connection horizontal Overcurrent release ETU 27 LSING
protection adjustable 0.4-1 in Ground fault/N protection integrated With manual
operating mechanism with storage with mechanical request without 1st auxiliary
release without 2nd auxiliary release 2NO+2NC

Model	
product brand name	SENTRON
product designation	ACB
design of the product	IEC 60947-2
design of the actuating element	Pushbutton
type of the driving mechanism	Manual operating mechanism with mechanical closing
type of the driving mechanism / motor drive	No
design of the overcurrent release	ETU27B
General technical data	
number of poles	3
size of the circuit-breaker	1
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	35 W
• maximum	105 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	500 A
Product details	
product component	
• trip indicator	Yes
• voltage trigger	No
• undervoltage release	No
design of the auxiliary switch	2 NO + 2 NC
product extension / optional / motor drive	Yes
Product function	
product function	
• grounding protection	Yes

• phase failure detection	Yes
Display and operation	
display version	without display
Short circuit	
operating short-circuit current breaking capacity (Ics)	
• at 415 V / rated value	55 kA
• at 500 V / rated value	55 kA
• at 690 V / rated value	42 kA
maximum short-circuit current breaking capacity (Icu)	
• at 415 V / rated value	55 kA
• at 500 V / rated value	55 kA
• at 690 V / rated value	42 kA
Connections	
arrangement of electrical connectors / for main current circuit	Main connection rear side horizontal
type of electrical connection / for main current circuit	busbar connection
Mechanical Design	
height	439.5 mm
width	320 mm
depth	337 mm
fastening method	fixed mounting
Environmental conditions	
ambient temperature / during operation	
• minimum	-20 °C
• maximum	70 °C
ambient temperature / during storage	
• minimum	-40 °C
• maximum	70 °C
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=3WL1112-2DG32-1AA2 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3WL1112-2DG32-1AA2 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1112-2DG32-1AA2 CAX-Online-Generator http://www.siemens.com/cax Tender specifications http://www.siemens.com/specifications	





L (Long Time Delay / Überlastschutz); S (Short Time Delay / Kurzschlusschutz, kurzzeitverzögert);
 I (Instantaneous / Kurzschlusschutz, unverzögert); N (Neutral Protection / Neutralleiterschutz);
 G (Ground Fault Protection / Erdschlusschutz); F5 (Maglatch for trip unit / Auslösemagnet); S1 - S8 (Auxiliary switch / Hilfsschalter);

