

Case# 107228915 - Datasheet for Schneider Electric LF2 12kV 1250A [thread::ZQvk1jS_cZOqyGWxVMowVz4::]

Mark PENTY <power.supportpz@se.com>

Mon 2024-02-12 3:20 PM

To:roger.marshman@outlook.com <roger.marshman@outlook.com>

Case Reference: # 107228915

Date created: # 8/02/2024

Case Thread ID: #

Hi Roger,

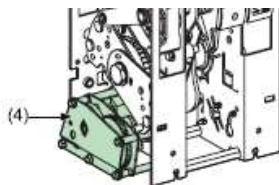
Talking with our field service team they say its set-up for inserting into MCset (meaning its a withdrawable version configured for MCset - this is different to the withdrawable version we sell to panel builders)

And checking our literature:

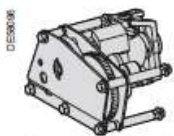
This part



gives the voltage spec of the motor



Operating mechanism



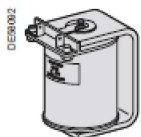
Electrical motor with gearing (4)

Electrical motor with gearing (M)

The electrical motor carries out the automatic rearming of the stored energy unit as soon as the circuit breaker is closed. This allows the instant reclosing of the device after opening. The arming lever is only used as a backup operating mechanism in the case of the absence of the auxiliary power supply. The M3 contact indicates the end of arming operations.

Characteristics		
Power supply	See "Order form" page	
Threshold	V AC/ DC	0.85 to 1.1 Ur
Consumption	V AC	380 VA
	V DC	380 W

YF is the spec of this fitted option



Shunt closing release (5)

Shunt closing release (YF)

This release allows the remote closing of the circuit breaker when the operating mechanism is armed.

Characteristics		
Power supply	See "Order form" page	
Threshold	V AC	0.85 to 1.1 Ur
	V DC	0.85 to 1.1 Ur
Consumption	V AC	160 VA
	V DC	50 W

The shunt closing release is combined with an anti-pumping relay that enables priority to be given to opening in the case of a permanent closing order. This thus avoids the device being caught in an uncontrolled opening-closing cycle.

YO1 is the spec of this fitted option



Shunt opening release (YO1 and YO2)

Energizing this unit causes instant opening of the circuit breaker.



Shunt opening release (1)

Characteristics

Power supply	See "Order form" page	
Threshold	V AC	0.85 to 1.1 Ur
	V DC	0.7 to 1.1 Ur
Consumption	V AC	160 VA
	V DC	50 W

Based on the plate no other options are fitted.

[https://download.schneider-electric.com/files?](https://download.schneider-electric.com/files?p_Doc_Ref=NRJED312404EN&p_enDocType=Catalog&p_File_Name=NRJED312404EN-MCSet+Catalogue.pdf)

[p_Doc_Ref=NRJED312404EN&p_enDocType=Catalog&p_File_Name=NRJED312404EN-MCSet+Catalogue.pdf](https://download.schneider-electric.com/files?p_Doc_Ref=NRJED312404EN&p_enDocType=Catalog&p_File_Name=NRJED312404EN-MCSet+Catalogue.pdf)

Are you needing any further information or OK to close this case?

Best Regards,
Mark PENTY

Advanced Technical Support Engineer -
Reclosers
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Power Systems
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----- Original Message -----

From: [roger.marshman@outlook.com]

Sent: 11/02/2024 5:22 PM

To: power.supportpz@schneider-electric.com

Subject: Re: Case# 107228915 - Datasheet for Schneider Electric LF2 12kV 1250A [thread::ZQvk1jS_cZOqyGWxVMowVz4::]

Hello Mark

Thank you very much for your response and your interest in this enquiry. Please find some photographs attached.

Black Box is a dealer in industrial machinery. This item was acquired some time ago from a closing BHP project stores inventory. The breaker was clearly never actually installed. We have a potential buyer in another country asking for technical detail. Any further information you can provide will be greatly appreciated.

Regards

Roger Marshman
for

Tim Marshman
mobile 0419 363 992

tim_marshman@blackboxproductions.com.au

Black Box Industrial Surplus: Dealers in used process plant, manufacturing machinery, industrial instrumentation & automation components, scientific instruments and lab equipment

<http://stores.ebay.com.au/blackboxindustrialsurplus>

Black Box Audio & Lighting: Suppliers of concert, corporate and theatre production and technical support.

www.blackboxproductions.com.au

Prostage South Australia: Demountable staging, seating systems, concert roof systems & crowd barriers.

9 Vernon Smith Court, Ottoway SA 5013

From: Mark PENTY <power.supportpz@se.com>

Sent: 09 February 2024 3:59 PM

To: roger.marshman@outlook.com <roger.marshman@outlook.com>

Subject: Case# 107228915 - Datasheet for Schneider Electric LF2 12kV 1250A [thread::ZQvk1jS_cZOqyGWxVMowVz4::]

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Hi Roger,

Could you provide a picture of the equipment and a clear picture of the equipment plate. Have you got the location of the equipment and / or a SLD for the panel. This may help us track it to a manufacturing plant and project.

Best Regards,
Mark PENTY

Advanced Technical Support Engineer -
Reclosers
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