

Electric Module for Winch

Technical File
NF008 F

MOD2024E - MOD2024R - MOD2048E - MOD2048R

Description - General Information

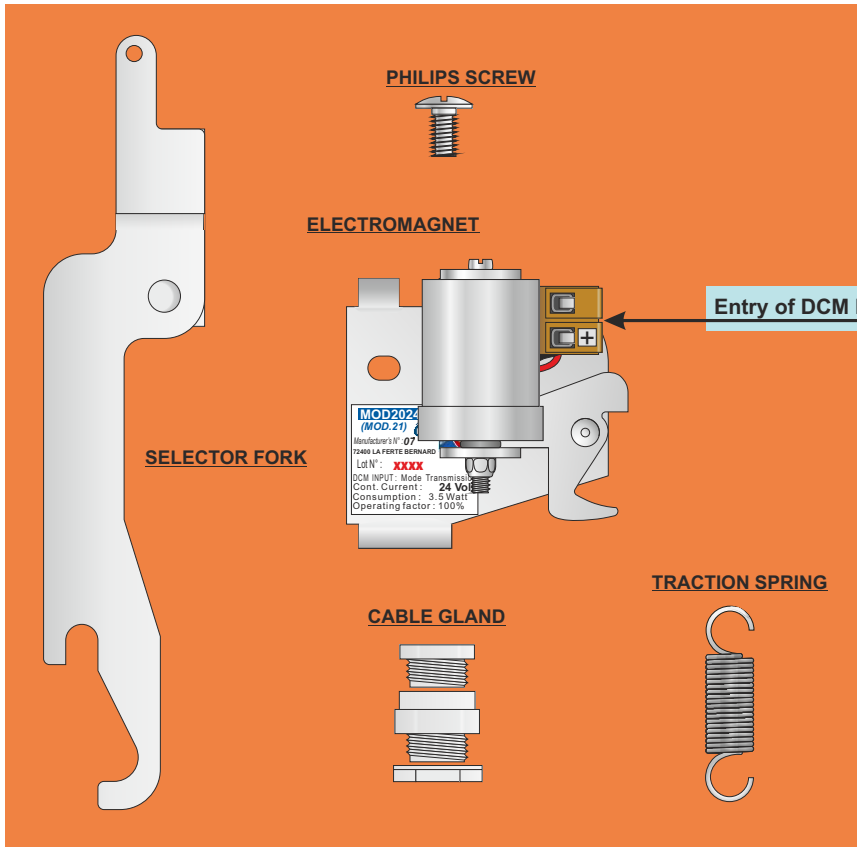
Compatible with SCP with steel cable release

Electric DCM for winch controlled smoke exhaust box.(series TR20)

Easy installation inside the winch.



NF - Control devices
for Fire Safety Systems
www.marque-nf.com



Product identification

<p>MOD2024E (MOD.21)</p> <p>Manufacturer's N°: 07 72400 LA FERTE BERNARD</p> <p>Lot N°: XXXX</p> <p>DCM INPUT: Mode Transmission Cont. Current: 24 Volt Consumption: 3.5 Watt Operating factor: 100%</p>	<p>Information on label (from top to bottom)</p> <ul style="list-style-type: none"> - Certification body - Manufacturer's name - Manufacturer's number - Lot number - DCM entry characteristics
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Electric DCMs

Réf.	Type
MOD2024E (MOD.21)	24Vcc - 3.5W - Transmission mode
MOD2024R (MOD.22)	24Vcc - 1.8W - Break mode
MOD2048E (MOD.23)	48Vcc - 3.5W - Transmission mode
MOD2048R (MOD.24)	48Vcc - 1.8W - Break mode

4 types of module

<p>MOD2024E (MOD.21)</p> <p>Manufacturer's N°: 07 72400 LA FERTE BERNARD</p> <p>Lot N°: XXXX</p> <p>DCM INPUT: Mode Transmission Cont. Current: 24 Volt Consumption: 3.5 Watt Operating factor: 100%</p>	<p>MOD2024R (MOD.22)</p> <p>Manufacturer's N°: 07 72400 LA FERTE BERNARD</p> <p>Lot N°: XXXX</p> <p>DCM INPUT: Mode Break Cont. Current: 24 Volt Consumption: ≤1.8 Watt Operating factor: 100%</p>	<p>MOD2048E (MOD.23)</p> <p>Manufacturer's N°: 07 72400 LA FERTE BERNARD</p> <p>Lot N°: XXXX</p> <p>DCM INPUT: Mode Transmission Cont. Current: 48 Volt Consumption: 3.5 Watt Operating factor: 100%</p>	<p>MOD2048R (MOD.24)</p> <p>Manufacturer's N°: 07 72400 LA FERTE BERNARD</p> <p>Lot N°: XXXX</p> <p>DCM INPUT: Mode Break Cont. Current: 48 Volt Consumption: ≤1.8 Watt Operating factor: 100%</p>
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NF - Control devices for F.S.S.

This mark certifies:
- conformity to the norm NF S 61-938 for S.C.P.s
- the values of the characteristics given in this technical file.
Certification Body
AFNOR Certification - 11 Rue F. de Pressensé
93571 LA PLAINE SAINT DENIS CEDEX

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www.dupuy-equipements.com

MOD2024E - MOD2024R - MOD2048E - MOD2048R

REMINDER :

Electric lines: § 7.1 of the NFS 61-932

With DCM and control lines there should not be any galvanic connection between lines nor with any other circuit.

DCM lines should be created using cables designed for fixed conduits. Their conductors should present a section equal to or more than 1.5mm² for rigid cables and 1mm² for flexible cables. The conductors section should also be chosen taking into account voltage drops in the line which could jeopardize the compatibility between the exit characteristics and the entry characteristics of the control devices.

The DCM lines which work by transmission of current as well as control lines should be created, using either cables of category CR1 (according to norm NF C 32-070) or cables of category C2 (according to norm NF C 32-070) passed through Protected Technical Tubes.

However, they can be created using cables of category C2 and without protection against fire at the point at which they enter the safety zone (S.Z.) which corresponds to the ADS which they supply.

The DCM lines which work by a break in current should be created using, at least, cables of category C2 (according to norm NF C 32-070).

Installation

Lift off the cover.

Pull back the lever (1)

Fit the selector fork (2), onto the metal sheet of the winch.



Put the spool in place in the upper part of the winch. Check the plate is securely fitted inside the encasement. Use the screw supplied.



Remove the cap and put the cable gland in place.



Technical Characteristics

Material: Steel, PVC.

Protection: Zinc coating

Running factor : 100 % at a temperature of 20°C ± 5°C

Voltage (Un) : continuous current T.B.T.S.

Transmission 24 volt Réf. MOD2024E (MOD21)

Transmission 48 volt Réf. MOD2048E (MOD23)

Break 24 volt Réf. MOD2024R (MOD22)

Break 48 volt Réf. MOD2048R (MOD24)

Consumption at nominal voltage (Un) : 3.5 W in transmission 1.8 W in break

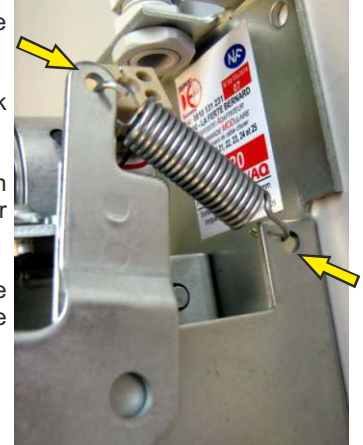
Precautions : Stock and install away from bad weather conditions.

Lift up the counter plate (transmission mode).

Push the selector fork forward.

Hook up the spring between the winch and the selector fork.

Connect the feed cable to the terminal block respecting the correct polarity.



Resetting

Make sure the DCM is switched off :

For TRANSMISSION mode modules

The electric distance control line MUST be **POWER OFF**

For BREAK mode modules

The electric distance control line MUST be **POWER ON**

Reset the module by pulling the selector fork until it hooks back onto the unit. Push down on the counter plate if necessary.

WARNING : In all cases, the 2 STOPS OF THE COUNTER PLATE LEVER should lock the selector fork in place.

If it is not possible to reset, check that the electromagnet and the counter plate are clean (free from metallic and magnetic debris)



Maintenance

THE PRODUCT, every 6 months.

Check that everything is in good working order.

INSTALLATION, see according to norm NFS61-933

Easy installation, useful material

To carry out the installation of this product, you will need the following :

Plastic trunking 24 x 13 in 2m GP2210

Plastic trunking 32 x 16 in 2m GP3416

Plastic trunking 52 x 20 in 2m GP4017

Cable 2x1.5mm² rigid in 100m CAET100R215-01

Connection box 80x80x30 BOI08008030

