

Accessories

DC fuse monitor OFD

The OFD fuse monitor indicates the condition of a fuse fed by a DC circuit.



The OFD fuse monitor is powered from the DC main circuit and it gives a signal when a fuse is blown. OFD starts to operate once the DC main circuit is connected.

OFD's functionality is based on patented cross measurement of the threshold voltage (U_{th}) between lines. The function is independent of the voltage supply. In standard devices, the threshold voltage level is fixed.

Voltage range

Type	Rated voltage U_e (DC)	Threshold voltage U_{th} (DC)
OFD110EA	45...140 V	21,3 V
OFD500EA	135...550 V	50,1 V

Status indication

The condition of the fuse is indicated by two LED lights (green and red) and two auxiliary contacts (NO and NC).

Under normal status, voltage is available in the fuse holder and the green LED is on. When a fuse is blown the green LED turns off, the red LED turns on and the auxiliary contacts give an alarm or trip signal. OFD activates the auxiliary contacts when the threshold voltage has dropped below the limit.

Features

- OFD operates with all the standard fuses.
 - ▶ A solution that covers a wide variety of applications
- Automatic reset after a new fuse is installed.
 - ▶ OFD offers a permanent monitoring solution, saving time and money.
- Wires with ETFE insulation (1000 VDC/ 1900 VAC).
 - ▶ Safe operation and usage.
- DIN rail or screw-mounted, as well as on the side of OS switch fuses.
 - ▶ Installation is easy

The OFD fuse monitor can be used with fuse bases and OS manual and motorized switch fuses from 32 to 1250 Amperes.



Get additional product information by scanning the code with your camera equipped mobile (internet connection required). Download UpCode reader if needed to your mobile phone for free at www.upcode.mobi

Ordering information

OFD_

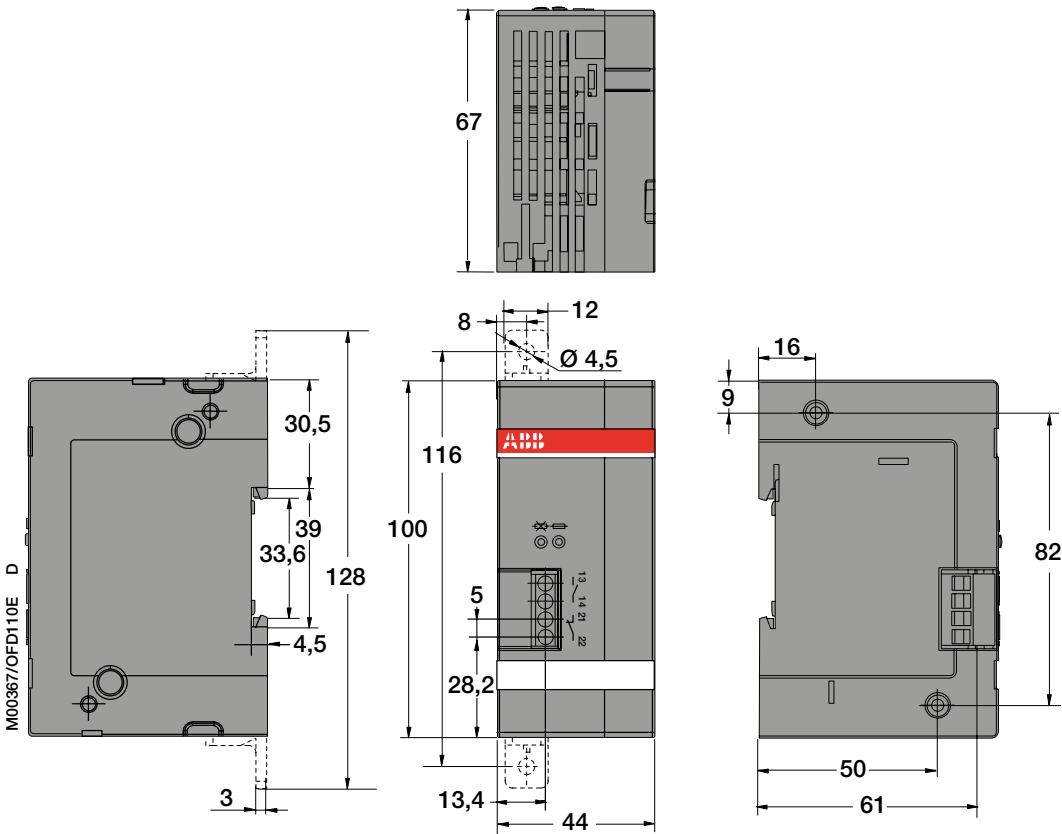


Type	Order number	Units/type [pcs]	Weight [kg]
OFD110EA	1SCA121775R1001	1	0,16
OFD500EA	1SCA121776R1001	1	0,16

Mounting accessories for fuse monitor

Suitable for switches	Flat terminal size [mm]	Type	Order number	Units/type [pcs]	Weight/unit [kg]
Crimp terminals					
OS_	2,8 - 0,8	OFMZX2	1SCA022475R9910	6	0,01

Dimension drawing



For more information please contact:

ABB Oy
Breakers and Switches
P.O. Box 622
FI-65101 Vaasa, Finland
Phone: +358 10 22 11
Fax: +358 10 22 45708
E-Mail: firstname.surname@fi.abb.com

www.abb.com