

### Application

The **CA9-R** yarn cutter is a device especially devoted to **automatic winders**.

**FUNCTION:** the **CA9-R** cuts **automatically** the yarn when the bobbin is full.

The **CA9-R** is useful on automatic winders: more and more the yarn has to be **automatically** cut when the bobbin is full. Some machine builders utilise pneumatic cutters, but the trend is to use electromagnetic cutters. The **CA9-R** has to cut the yarn and generally to clamp it.

**PRINCIPLE :** When the bobbin is full, an arm brings the yarn into the groove of the **CA9-R**. Then the **CA9-R** cuts the yarn. The blade is moved through an electromagnet activated by a signal from the machine. A spring clamps the yarn then a new bobbin can easily be processed.

**ELECTRICAL PROTECTION :** The **CA9-R** is protected against reversed polarities and is dust resistant.



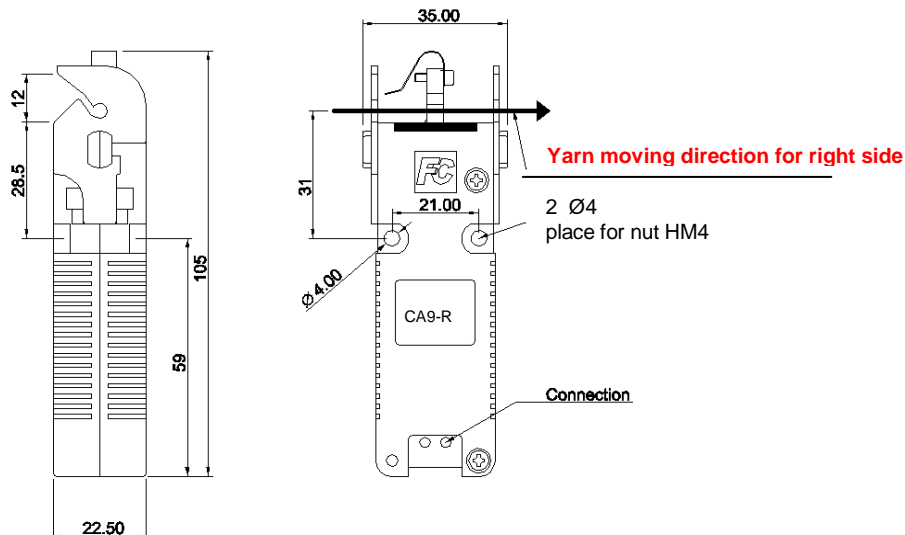
#### Characteristics :

- Power supply : 22 to 26 V
- Cutting capacity up to 7000 dtex for PA
- Automatic clamping of the yarn (0.5 to 1N)

These characteristics are adapted to operator's requirements (Referenced to the codification board)

### Dimensions (mm)

Electromechanical yarn cutter  
**CA9-R**



### Warning

**CA9-R** does not cut aramide fibres (Kevlar, Norex) nor metallic fibres.

Do not touch the knife nor the clamping leaf.

### Characteristic codification

CA9-R	X	X	X	X	X
<b>Cutting direction</b>					
Blade on left	1				
Blade on right	2				
<b>Clamping</b>					
Without clamping		0			
Clamping on left		1			
Clamping on right		2			
<b>Position guides</b>					
Without guide			0		
ZAMAK guides W10 424 229			1		
Stainless guide W10 424 214			2		
<b>Ceramic guides</b>					
Without ceramic guide				0	
Œillet W70 424 227				1	
<b>Type of connection for power-supply</b>					
Terminal block with wires at rear					1
Terminal block with wires on front					2

### Example

#### CA9-R21101

- 2 : Blade on right (yarn moving direction from left to right in front of the label)
- 1 : Clamping on left
- 1 : With ZAMAK guides W10 424 229
- 0 : Without ceramic guide
- 1 : Terminal block with wires at rear

### Electrical characteristics

Parameters	Without LED		
	Min	Typ	Max
Power supply (V)	22	24	26
Consumption (A), 24V DC	In rush	2,7	-
	Sealed	0,2	-
Consumption (W), 24V DC	In rush	64,8	-
	Sealed	4,8	-
Time between 2 successive operations (s)	-	3	-
Cutting time (ms)	-	35	-
Mechanical life (cuts)	100 000		