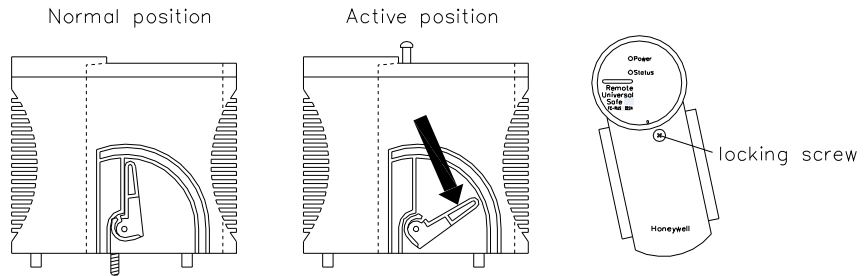


Module handling - replacement

This sub section describes the procedures for removal and installation of a RUSIO-3224 module. See Figure 262 on page 437 for relevant details.

Figure 262 Module handling - removal lever



Removal of a RUSIO-3224 module

Do these steps in the order given to remove the subject RUSIO-3224 module:

1. On the IOTA, set the applicable switch (**POWER 1** or **POWER 2**) to **OFF**. The **Power** LED (green) must go off.
2. Completely loosen the locking screw.
3. Press both (removal) levers at the sides of the module down *at the same time*. See **Active Position** in Figure 262.
4. Remove the module from the IOTA.
5. Put the (removal) levers back in the upright (normal) position.

Installation of a RUSIO-3224 module

Do these steps in the order given to install the subject RUSIO-3224 module:

1. On the IOTA, make sure that the applicable switch (**POWER 1** or **POWER 2**) is set to **OFF**.
2. On the module to be installed, make sure that the (removal) levers are in the upright (normal) position.
3. Hold the module in the correct position on the IOTA and carefully push it down on the corresponding connectors.
4. Tighten the locking screw.
5. On the IOTA, set the applicable switch (**POWER 1** or **POWER 2**) to **ON**. The **Power** LED (green) must go on.

Technical data

The RUSIO-3224 module has the following specifications:

General	Type number:	FC-RUSIO-3224
	Operating temperature:	
	• outside module temperature:	–40°C ... +70°C (–40°F ... +158°F)
	• inside module temperature:	–40°C ... +90°C (–40°F ... +194°F)
	Storage temperature:	–40°C ... +85°C (–40°F ... +185°F)
	Relative humidity:	10 ... 95% (non condensing)
	Pollution:	Pollution degree 2 or better
	Approvals:	CE; UL, TUV pending
Power	Supply voltage:	24 Vdc -15% ... +30%
	Supply current:	max 300mA (without field load)
IO	Number of channels:	32
	Channel type:	Universal safe (software configurable)
	• Digital in	max. 32 (with or without line-monitoring)
	• ESD in	max. 1 (with line-monitoring)
	• Analog in	max. 32 (with or without line-monitoring)
	• Digital out	max. 32 (with or without line-monitoring) max. combined load: 9 Amp
	• Analog out	max. 16 (with or without open loop detection)
Physical Data	Dimensions (H x W x D):	145 x 165.1 x 72.4 mm 5.7 x 6.5 x 2.85 in
	Weight:	0.66 kg 1.45 lbs