

3120-N circuit breaker/switch combination with innovative accordion-style seal (IP65)



A world first!

3120-N circuit breaker/switch combination with innovative accordion-style seal (IP65)

E-T-A's **3120** is a single pole or double pole thermal or thermal-magnetic circuit breaker which also serves as an ON/OFF switch for apparatus and machinery. After having tripped due to overcurrent, the **3120** can easily, reliably and quickly be reset. Time-consuming replacement of fuses is eliminated.

Manufacturers of electrical devices and machines, who attach great importance to a reliable and cost-effective design, are able to significantly reduce mounting and wiring time when using the **3120** circuit breaker/switch combination. The globally unique accordion-style seal excludes machine failures and product rejects on grounds of dust or water ingress.

Easy actuation

The new seal of E-T-A's **3120** makes the rocker easily accessible. Switching the device is simple, even when the user is wearing gloves.

And what is more: Due to the freely accessible rocker actuator, the switching condition (ON or OFF) is immediately visible. Discoloured or dirty splash covers often block the visibility of the rocker and its position.

Non-polluting silicone

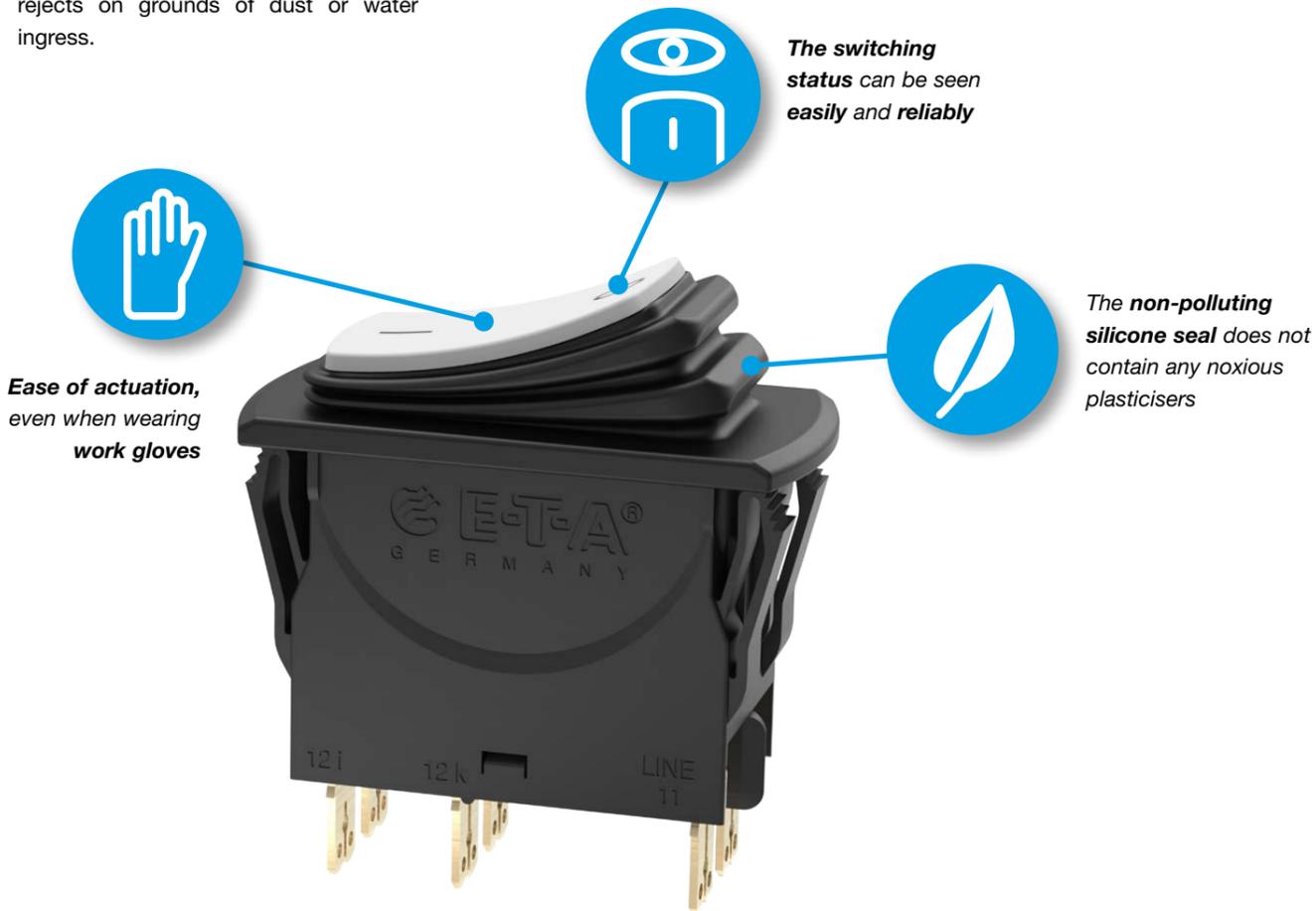
The new seal is made of environment-friendly silicone. It does not contain any noxious plasticisers. In addition, the new seal is significantly more flexible at low temperatures compared to a PVC splash cover. Switching operations at low temperatures go as smoothly as at normal ambient temperatures.

Enhanced machine uptime

The new seal provides protection degree IP65 according to DIN EN 60529 (VDE 0470, part 1). Even fine dust or water jets will not damage or cause failure to the device or to the equipment where it is used. Compared to standard PVC splash covers, the new E-T-A accordion-style seal not only protects the actuation area. When mounting the circuit breaker, the

all-round rubber lip is tightly pressed to the panel, so that the mounting cut-out is also protected.

Standard PVC covers become yellow when exposed to sunlight. They also become brittle and can crack due to environmental influences. The new silicone sealing is insensitive to ozone, ultraviolet light and most oils and acids.



The **innovative accordion-style seal** protects the rocker against dust and water



The **all-round rubber lip** also protects the mounting cut-out



The new silicone seal is insensitive to ozone, ultraviolet light and most oils and acids.



Your benefits

- **Unrivalled uptime of machinery and devices** due to sealing of rocker and mounting cut-out
- **Ease of actuation** thanks to a freely accessible rocker actuator
- **Non-polluting**, because it does not contain any noxious plasticisers

3120-N circuit breaker/switch combination

Technical data

3120-N circuit breaker switch combination with IP65 protection

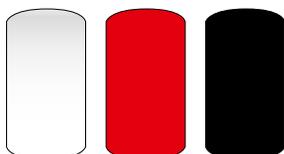
Short description

Thermal or thermal-magnetic circuit breaker which also serves as ON/OFF switch for devices and machines.

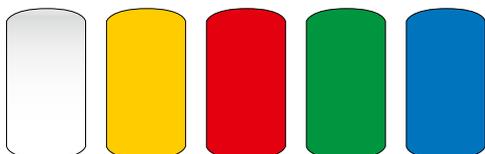
Voltage ratings	AC 240 V / DC 50 V
Current ratings	0.1 A ... 20 A
Mounting	fast snap-in mounting
Terminal design	blade terminals, screw terminals or push-in terminals
Compliances	REACH ✓ RoHS ✓
Approvals	   

Rocker actuator colours

without illumination



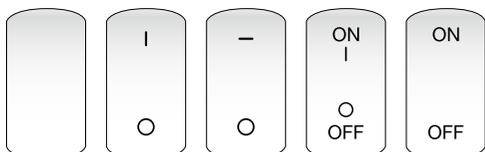
with illumination



Illumination voltage range:

DC 12 V, DC 24 V, DC 48 V, AC 115 V, AC 230 V

Rocker actuator markings



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