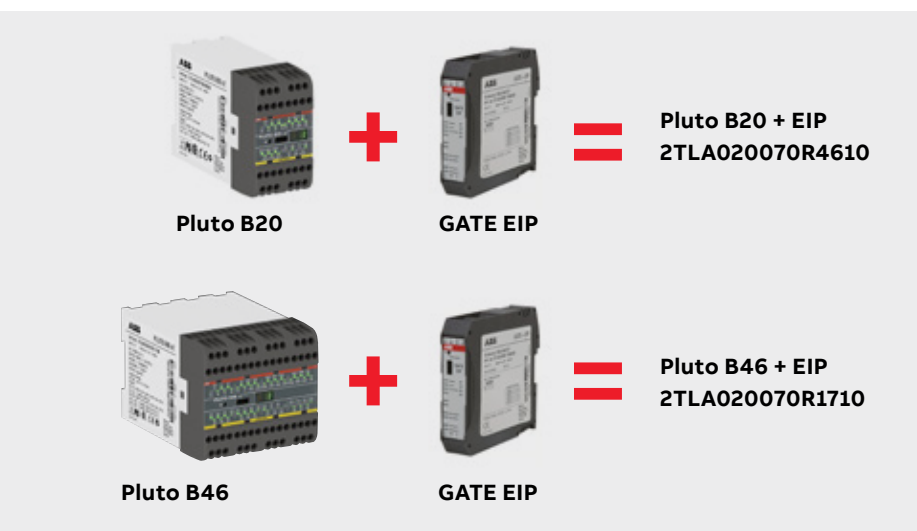


FAST FACT

# Jokab Safety products

## Pluto safety PLC Ethernet package

Conveniently order your Pluto B20/46 with an Ethernet IP gateway using one part number.



### Main features

- Conveniently order your Pluto B20/B46 with an Ethernet IP gateway using one part number
- B20/B46 safety bus capable, up to 32 Plutos on one network
- Advanced hot-swappable technology gives Pluto the ability to be replaced and running in minutes, reducing downtime
- Pluto Manager software and telephone support is provided at no charge; download on our website
- Works with both DYNLink and dual channel architectures
- E1P Ethernet IP gateway for 2-way communication between the Pluto bus and Ethernet/IP

### Pluto capabilities

- B20 is capable of monitoring 150 DYNLink safety devices on 15 inputs
- B46 is capable of monitoring 390 DYNLink safety devices on 39 inputs
- Both the B20 and the B46 have fail-safe relay and transistor outputs
- Both the B20 and the B46 can monitor up to 120 diagnostic outputs on only 4 inputs using integrated StatusBus



	B20	B46
Number of I/O	20	46
FailSafe inputs	8	24
FailSafe or non-safe outputs, configurable	8	16
Analog inputs (0–27 V)	1	3
FailSafe relay outputs	2	4
FailSafe transistor outputs	2	2
Pluto bus	yes	yes

Part number	Pluto with Ethernet package
2TLA020070R4610	Pluto B20 with an EIP Ethernet gateway
2TLA020070R1710	Pluto B46 with an EIP Ethernet gateway
<b>Pluto expansion</b>	
2TLA010041R0600	BSR23 Sentry safety relay for expansion
2TLA020070R4800	B22 safety PLC with 14 failsafe inputs plus 8 non-failsafe outputs/failsafe inputs for use with Pluto safety bus and/or a Pluto safety databus
<b>Pluto accessories</b>	
2TLA020070R2000	IDFIX-R identifier, read only for assigning Pluto an address on the Pluto bus
2TLA020070R2100	IDFIX-RW identifier, read/write for assigning Pluto an address on the Pluto bus
2TLA020070R2400	IDFIX-PROG 2k5 external memory, 25 kbyte for projects with only one Pluto, store the PLC program, required for Pluto bus
2TLA020070R2600	IDFIX-PROG 10k external memory, 10 kbyte for projects with only one Pluto, store the PLC program, required for Pluto bus
2TLA020070R2200	R-120 terminating resistor for Pluto bus
2TLA020070R6805	CAN-Bus cable, 50 m, yellow, 1 x 2 x 0.75 mm, 100/500 m also available
2TLA020070R5800	Programming cable USB, for connecting PC, USB port to Pluto for programming with Pluto Manager

See our main catalog for technical information on the Pluto safety PLC and other ABB Jokab Safety products. Download Pluto Manager at <http://new.abb.com/low-voltage/products/safety-products>