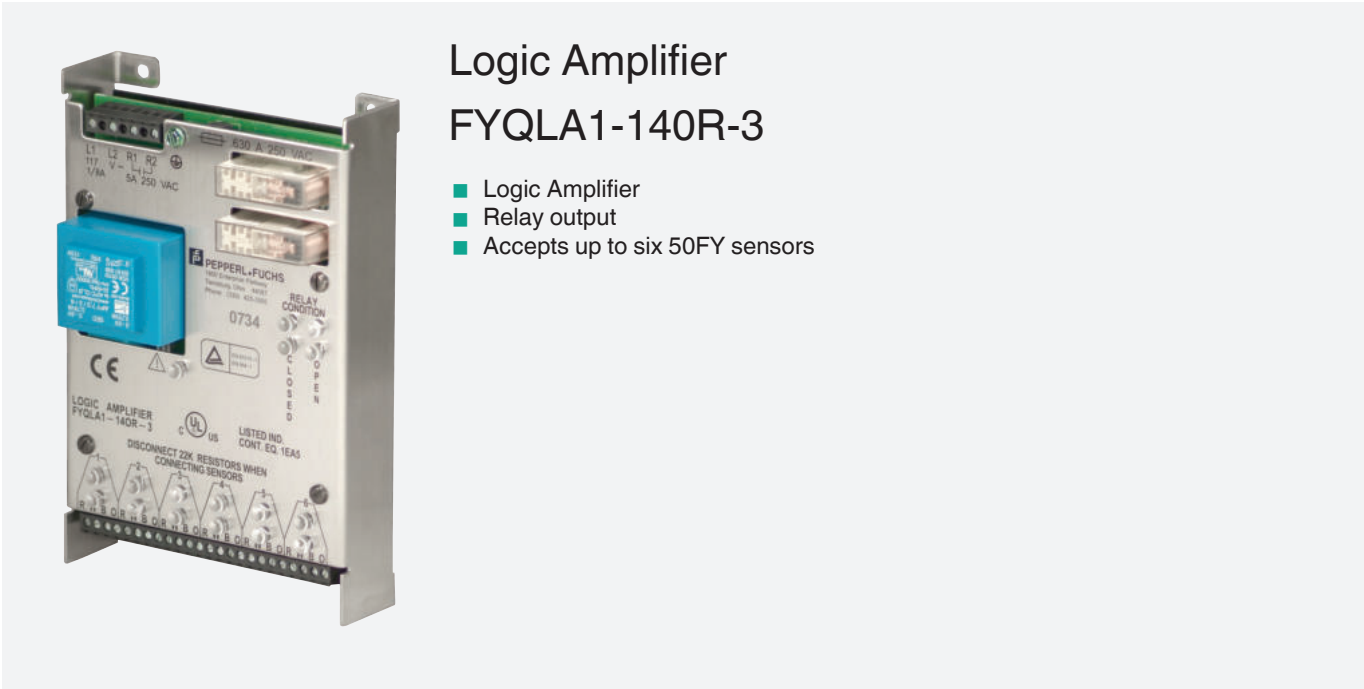


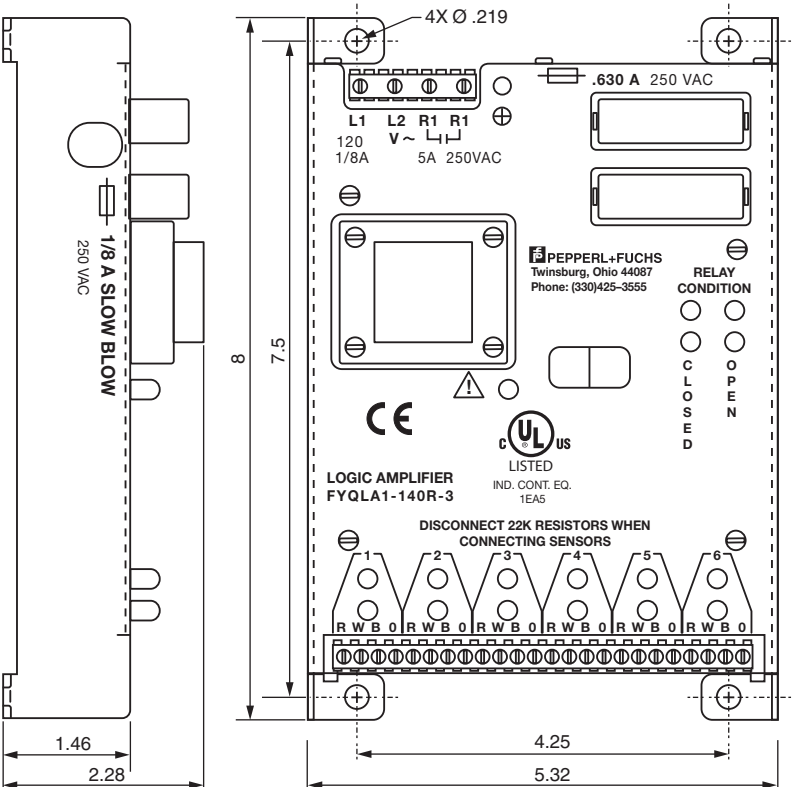


Logic Amplifier FYQLA1-140R-3

- Logic Amplifier
- Relay output
- Accepts up to six 50FY sensors



Dimensions



Technical Data

General specifications

Installation	Logic Amplifier must be in a NEMA sealed enclosure.
Output polarity	DC
Time delay before availability	3 s

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

Output type		Relay output Electrical life: Contact Rating 250 V AC @ 5A for 100k cycles MIN
UL File Number		E179102
Nominal ratings		
Operating voltage	U _B	120 V AC ± 15% , 45 ... 65 Hz
Functional safety related parameters		
Fault reaction time		< 4 s
Indicators/operating means		
Function indicator		Fault Detected: Flashing LED Red
LED green		relay closed
LED red		relay Open
Electrical specifications		
Electrical rating		Power dissipation 3 VA
Output		
Current		continuous current 5 mA to 5 A (Normally open (NO) Contact)
Response time		< 20 ms (switch open to contact open)
Standard conformity		
Standards		ISO 13849-1:2023 Category 3 PL d EN 63000:2018 EN 61326-3-1:2017 EN 60664-1:2020
Approvals and certificates		
UL approval		cULus Listed, General Purpose UL 508
Ambient conditions		
Ambient temperature		-40 ... 70 °C (-40 ... 158 °F) -20 ... 50 °C (-4 ... 122 °F) @ max. load
Storage temperature		-40 ... 70 °C (-40 ... 158 °F)
Mechanical specifications		
Connection type		ground screw connection , max 2.5 mm ²
Housing material		304 Stainless steel
Degree of protection		IP20 , Class 1 indoor use only
Dimensions		
Width		135 mm
Depth		58 mm
Length		203 mm
Mounting		Panel mount
Note		Accepts up to six 50FY41 series sensors
General information		
Note		Packaged with ten 22 kΩ resistors

Release date: 2024-04-24 Date of issue: 2024-04-25 Filename: 451024_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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