

Manufacturer`s Declaration of Conformity

Hirschmann Automation and Control GmbH

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declares in sole responsibility, that the product(s)

GREYHOUND Ethernet Switch Family

(Product description)

GRS1042, GRS1142

with the following possible product codes:

- [GRS1042-|GRS1142-] [AT2Z|6T6Z] [S|T|E] [L|H] [L|H] [n] [n]
[T9|TY|S9|SY] [HH] [S] [n] [2A|3A] [nn] [nn.n.nn]

optional assembled with the modules:

- [GPS1-] [C|K] [S|T|E] [T9|TY|S9|SY] [HH]
- [GPS3-] [P] [S|T|E] [T9|TY|S9|SY] [HH]

optional assembled with the modules:

- GMM [40|42]-[TT] [TT] [TT] [TT] [S|T|E] [T9|TY|S9|SY] [HH] [S]
- GMM [40|42]-[OO] [OO] [TT] [TT] [S|T|E] [T9|TY|S9|SY] [HH] [S]
- GMM [40]-[OO] [OO] [OO] [OO] [S|T|E] [T9|TY|S9|SY] [HH] [S]
- GMM [30|32]-2x[VV|UU|MM|NN] [TT] [TT] [S|T|E] [T9|TY|S9|SY] [HH] [S]
- GMM [20]-2x[VV|UU|MM|NN] 2x[VV|UU|MM|NN|TT] [S|T|E] [T9|TY|S9|SY] [HH] [S]

optional assembled with:

- ACA21-USB (EEC) 943 271-003
- ACA22-USB (EEC) 942 124-001
- ACA22A (Mini) 942 152-001
- ACA31 942 074-001

optional assembled with transceivers M-Fast SFP-x, M-SFP-x, SFP-FAST-x and SFP-GIG-x.

(n = any letter, x = any suffixes,

(Type, reference number)

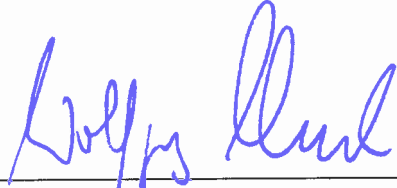
has been designed and manufactured in accordance with the following standard

NEMA TS 02.06 Section 2 ENVIRONMENTAL REQUIREMENTS


Test description	Section	Requirement
Operating Voltage	2.1.2	89 V AC – 135 V AC
Operating Frequency	2.1.3	60 Hz ±3 Hz
Ambient Temperature	2.1.5.1	-34 °C – +74 °C
Relative Humidity	2.1.5.2	18 % – 90 %, non condensing *1)
High Repetition Noise Transients (AC Terminals)	2.1.6.1	±300 V pulse (2500 W peak), 10 µs width, every other cycle, across 360°, 3 seconds.
Low Repetition Noise Transients (AC Terminals)	2.1.6.2	±600 V pulse, capacity 10 µF, 1 discharge every 10 s, random across 360°.

Transients (I/O Terminals)	2.1.7	±300 V pulse, 10 µs width, one pulse per second, minimum 5 pulses per terminal.
Nondestruct Transient Immunity (AC Terminals).	2.1.8	±1000 V pulse, every 2 seconds, 3 pulse per polarity
Mechanical Vibration	2.1.9	0.5 g, sine 30 Hz, 1 hour, three planes
Mechanical Shock	2.1.10	±10 g / half sine, 11 ms, three planes

*1) option with conformal coating is available



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VP Business Development Industrial Automation)



(i.V. Peter Schumacher
Quality Manager)

Neckartenzlingen, 2022-08-11

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