

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)

GRS1020, GRS1120, GRS1030, GRS1130

with the following possible product codes:

- [GRS1020-|GRS1120-|GRS1030-|GRS1130-] [16T9|8T8Z] [S|C|T|E] [M] [M|9]
[Z9|Y9|X9|V9|VY|VU|VT*|T9*|TY*|U9|UY|UX|UT*] [HH] [S] [E] [2S] [nn.n.nn]

optional assembled with the modules:

- GRM20-[TT] [TT] [TT] [TT] [S|C|T|E] [Z9|Y9|X9|V9|VY|VU|VT*|T9*|TY*|U9|UY|UX|UT*] [HH] [S]

- GRM20-[ZZ] [ZZ] [ZZ] [ZZ] [S|C|T|E] [Z9|Y9|X9|V9|VY|VU|VT*|T9*|TY*|U9|UY|UX|UT*] [HH] [S]

- GRM20-[ZZ] [ZZ] [TT] [TT] [S|C|T|E] [Z9|Y9|X9|V9|VY|VU|VT*|T9*|TY*|U9|UY|UX|UT*] [HH] [S]

- GRM20-2x[VV|UU|MM|NN] 2x[VV|UU|MM|NN|TT]

[S|C|T|E] [Z9|Y9|X9|V9|VY|VU|VT*|T9*|TY*|U9|UY|UX|UT*] [HH] [S]

- GRM20-2x[VV|UU|MM|NN] [TT] [TT]

[S|C|T|E] [Z9|Y9|X9|V9|VY|VU|VT*|T9*|TY*|U9|UY|UX|UT*] [HH] [S]

- ACA21-USB (EEC), 942 271-001, - ACA22-USB (EEC), 942 124-001

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

(n = any letter or number, x = any suffixes,

* = only variants assembled with transceivers M-Fast SFP-x and M-SFP-x are specified according to environmental requirements of NEMA TS2)

(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)
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



(Wolfgang Schenk
VP Business Development
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(i.V. Steffen Adolf
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(Issue place and date)