

EG-Konformitätserklärung EC Declaration of Conformity

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erklärt in alleiniger Verantwortung, dass das/die Produkt(e)
declares in sole responsibility, that the product(s)

Rail Switch

(Bezeichnung / Product description)

MS20, MS30

with the following possible product codes:

MS20-[08|16|24] [00] [S|T|E] [A|C] [A|B³|E*|H*|S*|Y|Z] [E|P] [n] [n] [nn.n.nn]

MS20-[08|16|24] [00] [S|T|E] [E] [Z] [E|P] [n] [n] [nn.n.nn]

MS30-[08|16|24] [02] [S|T|E] [A|C] [A|B³|E*|H*|S*|Y|Z] [E|P] [n] [n] [nn.n.nn]

MS30-[08|16|24] [02] [S|T|E] [E] [Z] [E|P] [n] [n] [nn.n.nn]

assembled with the modules:

MM20-(2x)[M2|M4|T1|S2|S4|L2|G2] (2x)[M2|M4|T1|S2|S4|L2|G2|99] [S|T|E] [A|B³|Y|Z] [n] [n],

MM20-(2x)[M2|M4|T1|S2|S4|L2] (2x)[M2|M4|T1|S2|S4|L2|99] [S|T|E] [E*] [n] [n],

MM20-(2x)[M2|M4|T1] (2x)[M2|M4|T1|99] [S|T|E] [H*|S*] [n] [n],

MM20-T5T5T5T5 [S|T|E] [A|B³|E*|H*|S*|Y|Z] [n] [n],

MM20-Z6Z6Z6Z6 [S|T|E] [A|B³|E*|H*|S*|Y|Z] [n] [n],

MM20-M3M3M3M3 [S] [A|E*|H*|S*|Y|Z] [n] [n],

MM20-F4F4F4F4 [S][A|E*|Y|Z] [n] [n],

MM20-A8A89999 [S] [Y|Z] [n] [n],

MM20-P9P9 [P9|T1] [P9|T1] [S] [Z] [n] [n],

MM22-T1T1T1T1 [S|T|E] [E*|S*|Y|Z] [n] [n],

MM23-[T1|M2|S2|F4] [T1|M2|S2|F4] T1T1 [S] [Y|Z] [n] [n],

MM24-IOIOIOIO [S] [Z] [n] [n],

MM30-O7O79999 [S|T|E] [A|B³|E*|H*|S*|Y|Z] [n] [n],

MM33-O7O79999 [S] [Z] [n] [n],

MB20-2 [S|T|E] [A|B³|E*|H*|S*|Y|Z] [n] [n],

MM2-x², MM3-x², MM4-x², MB-T²

assembled with the transceivers M-Fast SFP-x, M-SFP-x.

(n = any letter, x = any suffixes,

* = only variants with product code E, H and S are specified according to EN 50121-4,

² = not specified according to EN 50121-4,

³ = only variants with product code B are ATEX certified)

(Typ, Erzeugnisnummer / Type, reference number)

gemäß der Richtlinie 2004/108/EG (EMV-Richtlinie)

in accordance with Directive 2004/108/EC (EMC Directive)

mit der/den folgenden harmonisierten Norm(en) übereinstimmt

has been designed and manufactured in accordance with the following standard(s)

EN 55022:2010 Class A

EN 61000-6-2:2005

EN 61131-2:2007

EN 50121-4:2006 - Railway applications - Electromagnetic compatibility incl. < 3m range

(Titel und/oder Nummer der Normen oder normativen Dokumente / Title, number and issue of standards, requirements)

**und gemäß den Bestimmungen der Richtlinie der Europäischen Gemeinschaft 94/9/EG (ATEX)
and following the provisions of the Directive of the European Communities 94/9/EC (ATEX)**

mit den folgenden harmonisierten Normen übereinstimmt
has been designed and manufactured in accordance with the following harmonised standards

EN 60079-15:2010, EN 60079-0:2009

EN 60079-11:2012


(Titel und/oder Nummer der Normen oder normativen Dokumente
Title, number and issue of standards, requirements)


Baumusterbescheinigung / Type Examination Certificate

DEKRA 13ATEX0019 X, DEKRA Certification B.V. 6812 AR Arnhem The Netherlands

(Nummer des Zertifikates, Name u. Anschrift der benannten Stelle
Certificate Number, name and address of the notified body)

GeräteKennzeichnung / Equipment Marking

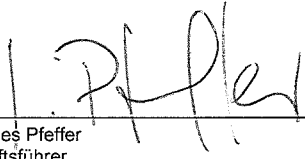
Switch Series MS20 / MS30:  II 3G Ex nA IIC T4 Gc,

Media Modules MB20 / MM2x / MM3x:  II 3G Ex nA ic T4 Gc


Diese Konformitätserklärung ist nur in Verbindung mit dem auf dem Typenschild angegebenen Einsatzbereich gültig.
This declaration of conformity is only valid together with the application range stated on the product label.

**und gemäß der Richtlinie 2011/65/EU (RoHS-Richtlinie)
and in accordance with Directive 2011/65/EU (RoHS Directive)**

mit den Bestimmungen zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und
Elektronikgeräten übereinstimmt/übereinstimmen.
has been designed and manufactured in compliance to the restriction of the use of certain hazardous
substances in electrical and electronic equipment.



(Johannes Pfeffer
Geschäftsführer
Managing Director)



(i.V. Peter Schumacher
Director Quality Management)

Neckartenzlingen, den 03.07.2013

(Ort und Datum / Issue place and date)