



Nemko

# CERTIFICATE

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No. P01102464

Accredited Certificate (ref. NA-PROD 016)

Order No. 200151242

Applicant	Isocom Components Limited Unit25B,Park View Rd West,Park View Ind. Est., Brenda Rd, Hartlepool, Cleveland, TS251YD <b>UNITED KINGDOM</b>
Manufacturer	Isocom Components Limited Cleveland/England <b>UNITED KINGDOM</b>
Factory	Isocom Components Limited Cleveland/England <b>UNITED KINGDOM</b>
Group 66 91000	Other electronic appliances
Model/type	CNY17F-X..
Other specification	Optocoupler, for working voltages <300VRms/dc, marked with "GG" after the date code. The first dot "." in the type reference indicates a, number (1-5) and the two last ones denote a number given on a variation to the specification and does not effect safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.
The above product is certified according to the following standard(s)	Safety std.: EN 60065 (1992) A1/A2/A3/A4/A11, including possible listed national conditions/deviations for Norway.
Validity	This certificate documents conformity with the standards shown, and also applies as license for use of Nemko's name and certification mark. The certificate and license is valid as long as the applicable conditions are complied with, and provided that any changes to the product are notified to Nemko for acceptance prior to implementation. New standards or amendments to the standards may imply that the product design must be updated and/or that re-testing and re-certification is necessary.
Additional information	Conditions for validity of the certificate : Only for units produced after March, 1995
Variants	This Certificate also covers variants with Position No. from 001 to 021 See next page(s)

Date of issue: 20 December 2001

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Lars Hjelseth  
Head of section

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Terje Fageraa

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NO 974404532

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Order No.

2001S1002

## Other information:

## Distances:

Internal creepage distance : min. 4,8mm

External creepage distance: min. 6,9mm

Distance through insulation: min. 0,6mm

After judgment from case to case, the optocoupler can bridge basic insulation, supplementary insulation, double insulation or reinforced insulation, provided that the rated data as given in Other spec. above are not exceeded in normal operation or under fault conditions in the appliance.

In order to determine the applicability of the optocoupler in specific applications, the end product is to be inspected for relevant parts of the standard.

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**CERTIFICATE****No. P01102464**

Accredited Certificate (ref. NA-PROD 016)

Order No.

P01102464

Group 66 91000	Other electronic appliances
Position No	001
Model/type	CNY17-X..
Other specification	Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The first dot ".." in the type reference indicates a number (1-5) and the two last ones denote a number given on a variation to the specification and does not effect safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.
Group 66 91000	Other electronic appliances
Position No	002
Model/type	CNY072AX..
Other specification	Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The dots ".." in the type reference denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.
Group 66 91000	Other electronic appliances
Position No	003
Model/type	CNY75-X..
Other specification	Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The first dot ".." in the type reference indicates a letter (A-C) and the two last ones denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.
Group 66 91000	Other electronic appliances
Position No	004
Model/type	CNY82AX..
Other specification	Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The dots ".." in the type reference denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.
Group 66 91000	Other electronic appliances
Position No	005
Model/type	CQY80X..
Other specification	Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The dots ".." in the type reference denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.

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Group 66 91000

Position No

Model/type

Other specification

Other electronic appliances

006

H11A.X..

Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The first dot "\*" in the type reference indicates a number (1-4) and the two last ones denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.

Group 66 91000

Position No

Model/type

Other specification

Other electronic appliances

007

H11AV.X..

Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The first dot "\*" in the type reference indicates a number (1-3) and the two last ones denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.

Group 66 91000

Position No

Model/type

Other specification

Other electronic appliances

008

MCT2X..

Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The dots ".." in the type reference denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.

Group 66 91000

Position No

Model/type

Other specification

Other electronic appliances

009

MCT2EX..

Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The dots ".." in the type reference denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.

Group 66 91000

Position No

Model/type

Other specification

Other electronic appliances

010

MCT220X..

Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The first dot "\*" in the type reference indicates a number (0-2) and the two last ones denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.

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No. P01102464

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Order No.

200151242

Group 66 91000	Other electronic appliances
Position No	011
Model/type	MOC810.X..
Other specification	Optocoupler, for working voltages <300Vrms/dc, marked with "0G" after the date code. The first dot ".," in the type reference indicates a number (1-4) and the two last ones denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.
Group 66 91000	Other electronic appliances
Position No	012
Model/type	ISX..
Other specification	Optocoupler, for working voltages <300Vrms/dc, marked with "0G" after the date code. The first dot ".," in the type reference indicates a number (1 or 5) and the two last ones denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.
Group 66 91000	Other electronic appliances
Position No	013
Model/type	IS74X..
Other specification	Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The dots ".," in the type reference denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.
Group 66 91000	Other electronic appliances
Position No	014
Model/type	IS20.X..
Other specification	Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The first dot ".," in the type reference indicates a number (1-4) and the two last ones denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.
Group 66 91000	Other electronic appliances
Position No	015
Model/type	SFH600-X..
Other specification	Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The first dot ".," in the type reference indicates a number (1-4) and the two last ones denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.

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**CERTIFICATE****No. P01102464**

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Order No. 200151999

Group 66 91000	Other electronic appliances
Position No	016
Model/type	SFH601-X..
Other specification	Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The first dot "." in the type reference indicates a number (1,3, 4 or 5) and the two last ones denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.
Group 66 91000	Other electronic appliances
Position No	017
Model/type	SFH609-X..
Other specification	Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The first dot "." in the type reference indicates a number (1-3) and the two last ones denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.
Group 66 91000	Other electronic appliances
Position No	018
Model/type	TIL111X..
Other specification	Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The dots ".." in the type reference denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.
Group 66 91000	Other electronic appliances
Position No	019
Model/type	4N2-X..
Other specification	Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The first dot "." in the type reference indicates a number (5-8) and the two last ones denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.
Group 66 91000	Other electronic appliances
Position No	020
Model/type	4N3BX..
Other specification	Optocoupler, for working voltages <300Vrms/dc, marked with "GG" after the date code. The dots ".." in the type reference denote a number given on a variation to the specification and does not effect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.

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Order No.

209151242

Group 66 91000

Position No

Model/type

Other specification

Other electronic appliances

021

4N38AX..

Optocoupler, for working voltages <300Vrms/dc, marked with 'GG' after the date code. The dots '...' in the type reference denote a number given on a variation to the specification and does not affect the safety. The optocoupler may also have the suffix "G", which indicates 10mm lead spread. The component is also available in the "Surface Mount" option.

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