



EVPU[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0657

In compliance with *Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011* (the Construction products Regulation or CPR), this certificate applies to the construction product

Addressable multi-fold input/output element MHY 926

For specifications see Annex to this certificate

placed on the market under the name or trade mark of

LITES Liberec s.r.o.

Oblouková 135, 463 03 Stráž nad Nisou, Czech Republic

and produced in the manufacturing plant

LITES Liberec s.r.o.

Kateřinská 235, 463 03 Stráž nad Nisou, Czech Republic

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

EN 54-18: 2005

EN 54-18: 2005/AC:2007

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on September 25th, 2019 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.



Nová Dubnica, September 25th, 2019

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Page 1 / 2 FCO 425-13 Rev.1

Marek Hudák
Director NB

Annex to Certificate No. 1293 - CPR – 0657 from September 25th, 2019

General Information

MHY 926 is an addressable multi-fold input/output element that connects to analogue addressable control panels of FDFAS LITES.

The element connects to a detection loop of control panels MHU 115, MHU 116 and MHU 117.

Cannot be connected to control panels MHU 109, MHU 110 and MHU 111!

The MHY 926 has 2 independent inputs and 2 independent monitored potential relay outputs.

Inputs serve for automatic signalization of predefined special states of any external device which signals this state either by closing/opening an electronic contact or by voltage applied to optoisolated input. Contacts can also be set as monitored. Inputs can be used for monitoring state of external power source dedicated to power supply the outputs of MHY 926.

Outputs serve for control connected external devices. They are potential, monitored for short-circuit and interruption of lines between the output and connected external device. Monitoring of outputs cannot be disabled. Current for outputs power supply is supplied from connected external power source.

Technical specifications

Operating voltage from detection loop:	$(18 \div 21) V_{imp}$
External power supply voltage:	$22 \div 30 V$
Normal state current (to add to loop current):	max. 200 μA
Degree of protection:	IP 54
Working temperature:	(from -25 °C to +70) °C
Relative humidity:	max. 95% at 40°C
Atmospheric pressure range:	(from 86 to 106) kPa
Dimensions (w x h x d):	(254x180x63) mm
Weight:	approx. 550g

Essential characteristics	Test specification	Harmonised technical specifications	Performance
Response delay (response time)	cl. 5.2	EN 54-18:2005 EN 54-18:2005/AC:2007	Pass
Performance under fire conditions	cl. 5.1.4	EN 54-18:2005 EN 54-18:2005/AC:2007	Pass
Operational reliability	cl. 5.1.4	EN 54-18:2005 EN 54-18:2005/AC:2007	Pass
Durability of operational reliability: temperature resistance	cl. 5.3, 5.4	EN 54-18:2005 EN 54-18:2005/AC:2007	Pass
Durability of operational reliability: humidity resistance	cl. 5.5, 5.6	EN 54-18:2005 EN 54-18:2005/AC:2007	Pass
Durability of operational reliability: vibration resistance	cl. 5.8 to 5.11	EN 54-18:2005 EN 54-18:2005/AC:2007	Pass
Durability of operational reliability: corrosion resistance	cl. 5.7	EN 54-18:2005 EN 54-18:2005/AC:2007	Pass
Durability of operational reliability: electrical stability	cl. 5.2, 5.12	EN 54-18:2005 EN 54-18:2005/AC:2007	Pass

Nová Dubnica, September 25th, 2019



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