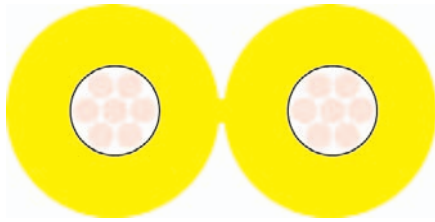


# BUS Cables

AS-Interface



Electrical Cabinet FLIH



## Type Cable structure

Inner conductor:  
Shielding 1:  
Shielding 2:  
Total shielding:  
Outer sheath material:  
Outer sheath colour:

## Fixed installation, indoor 2x0,86/ 2,5

Copper, tinned  
-  
-  
-  
FRNC  
Yellow

## Electrical data

Characteristic impedance: 105 Ohm  $\pm$  35 Ohm  
Conductor resistance, max.: 23 Ohm/km  
Insulation resistance, min.: 0,01 GOhm x km  
Loop resistance: 46 Ohm/km max.  
Nominal voltage: 300 V  
Test voltage: 2 kV at 15 min.

## Technical data

Weight: approx. 24 kg/km  
bending radius, repeated: 30 mm  
Operating temperature range min.: -25°C  
Operating temperature range max.: +70°C  
Caloric load, approx. value: 0,30 MJ/m  
Copper weight: 20,00 kg/km

## Norms

Applicable standards: ASI standard  
UL Style: UL-Style 2440 (80°C/300V)

## Application

AS components are interconnected with this special system cable. With the AS interface, the cable assembly from the control system to the sensor/actuator is not needed. The AS interface is the field bus system that transmits both data and power in one single cable. With fast contacting in penetration technique, the possibility of errors in cabling is largely reduced. This type is especially constructed for cabling inside electrical cabinets.

## Part no.

**802183**, AS-Interface FLIH

Dimensions and specifications may be changed without prior notice.