

XHL – LED INDICATORS



XHL . .

Colour
R – red, **G** – green, **W** – white
B – blue, **Y** – yellow
Rated voltage [V]
 - AC/DC: 6, 12, 24, 48, 110D, 230D
 - AC: 110, 230

Order code example: XLH 230G

XHL – INTRINSICALLY SAFE LED INDICATORS



XHL . . / JB

Colour
R – red, **G** – green, **W** – white
B – blue, **Y** – yellow
Rated voltage [V]
 - AC/DC: 6, 12, 24

Order code example: XLH 24B/JB

XFU – FUSES



XFU . . .

Breaking capacity
Nominal current
Characteristics

Order code example: XFU T6,3H

XZ – TERMINATION ELEMENTS



XZ . .

Decisive parameter
 - type D: **current**
 - type R: **resistance**
 - type RC: **resistance, capacity**
 - type V: **voltage**
Element type
D - diode
R - resistance
RC - capacitive with a resistor
V - varistor

Order code example: XZR 560

EXPLOSION-PROOF LED INDICATORS XHL..	
Type of protection	⊕ I M2 Ex eb mb I Mb ⊕ II 2G Ex eb mb IIC Gb ⊕ II 2D Ex tb IIIC Db
Ingress protection	IP 65 – head, IP 20 – terminals
Operating temperature	-20 °C to +85 °C (I M2) -40 °C to +85 °C (II 2G, II 2D)
Rated voltage	6, 12, 24, 48, 110, 230 V AC/DC 110, 230 V AC
Rated current	20 mA, max. 30 mA, pulsed 100 mA
Head hole	ø22.5, wall thickness 1 – 6 mm
Mounting	in the lid / on the baseplate (2×M3)
Connection	0.35 – 2.5 mm ² , max. 2 wires per terminal
Dimensions	40 × 23 × 60/48 mm (with/without head)
Weight	45 g

A version with an increased threshold voltage (up to 150 V) on request.

EXPLOSION-PROOF LED INDICATORS, INTRINSICALLY SAFE XHL../JB	
Type of protection	⊕ I M1 Ex ia I Ma ⊕ II 2G Ex ia IIC T6 Gb ⊕ II 2D Ex ia IIIC T68°C Db
Ingress protection	IP 65 – head, IP 20 – terminals
Ambient temperature	-40 °C to +60 °C
Rated voltage	6, 12, 24 V AC/DC
Input parameters	Ui = 9, 17, 28, 2 V, Li = 0, Ci = 0
Rated current	10 mA
Head hole	ø22.5, wall thickness 1 – 6 mm
Mounting	in the lid / on the baseplate (2×M3)
Connection	0.35 – 2.5 mm ² , max. 2 wires per terminal
Dimensions	40 × 23 × 60/48 mm (with/without head)
Weight	45 g

EXPLOSION-PROOF FUSES XFU...	
Type of protection	⊕ I M2 Ex eb ma I Mb ⊕ II 2G Ex eb ma IIC Gb
Ingress protection	IP 20
Ambient temperature	-60 °C to +60 °C, max. T=80 °C
Rated voltage	250 V AC, 110 V DC
Rated current	50 mA – 16 A
Breaking capacity	1500 A (H), 150 A (E), 35 A (L)
Charakteristika	FF, F, M, T, TT
Mounting	on the baseplate (2×M3)
Connection	0.35 – 2.5 mm ² , max. 2 wires per terminal
Dimensions	40 × 23 × 42 mm
Weight	33 g

EXPLOSION-PROOF TERMINATION ELEMENTS XZ..	
Type of protection	⊕ I M2 Ex eb mb I Mb ⊕ II 2G Ex eb mb IIC Gb
Ingress protection	IP 20
Ambient temperature	-60 °C to +84 °C
Rated voltage	see type key
Rated current	see type key
Mounting	on the baseplate (2×M3)
Connection	0.35 – 2.5 mm ² , max. 2 wires per terminal
Dimensions	40 × 23 × 42 mm
Weight	35 g