

## FX20-DI-BL60

## ARTICLE PROPERTIES

<b>PRODUCT TYPE</b>	FX20 series modular I/O system digital input modules	<b>PRODUCT GROUP</b>	IP20 modular I/O system
<b>DESCRIPTION</b>	FX20-submodule 32-channel input PNP/ NPN, 24 V DC, IP20, DIN rail installation	<b>PU</b>	1 pcs
		<b>COUNTRY OF ORIGIN</b>	CN

## TECHNICAL DATA

<b>NUMBER OF DIGITAL INPUTS</b>	32	<b>INPUT FILTERING DELAY</b>	0 ms, 1 ms, 3 ms and 10 ms can be configured
<b>INPUT TYPE</b>	PNP / NPN	<b>CURRENT CONSUMPTION (5 V)</b>	60 mA
<b>INPUT SIGNAL '0'</b>	0 ... 5 V DC	<b>PROCESS DATA LENGTH</b>	4 bytes
<b>INPUT SIGNAL '1'</b>	18 ... 30 V DC	<b>FAULT DIAGNOSIS METHOD</b>	LED, communication message
<b>INPUT CURRENT PER CHANNEL FOR SIGNAL '1'</b>	Typ. 4 mA		

## CONNECTION DATA

<b>WIRE CONNECTION</b>	Plug-in terminal block	<b>STRIPPED LENGTHS</b>	8 ... 10 mm 0.315 ... 0.394 in
<b>CROSS SECTION</b>	0.08 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> AWG 28 ... 14		

## ENVIRONMENTAL REQUIREMENTS

<b>PROTECTION CLASS</b>	IP20	<b>ELECTRICAL FAST TRANSIENT (EFT)</b>	Level A, per IEC 61000-4-4
<b>MOUNTING TYPE</b>	DIN-35 mm rail	<b>ELECTRO-STATIC DISCHARGE (ESD)</b>	Level A, per IEC 61000-4-2
<b>AMBIENT TEMPERATURE</b>	-5 ... +60 °C	<b>SURGE TEST</b>	Level A, per IEC 61000-4-5
<b>STORAGE TEMPERATURE</b>	-25 ... +70 °C	<b>VIBRATION RESISTANCE</b>	4 g, per IEC 60068-2-6
<b>RELATIVE HUMIDITY</b>	95%, non-condensing	<b>SHOCK RESISTANCE</b>	15 g, per IEC 60068-2-27
<b>OPERATING ALTITUDE</b>	0 ... 2000 m / 0 ... 6562 ft	<b>EU ROHS COMPLIANCE STATUS</b>	Yes
<b>POLLUTION DEGREE</b>	2, per IEC 61131-2	<b>MATERIAL COMPLIANCE</b>	Compliant with REACH

## GENERAL DATA

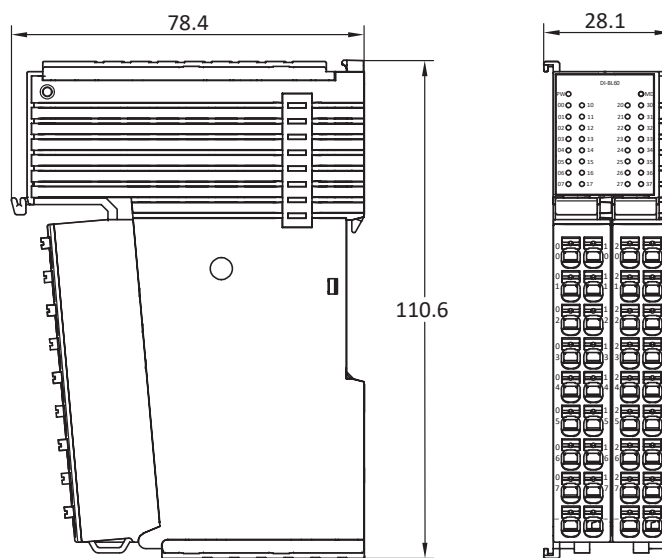
<b>HOUSING MATERIAL</b>	PPE	<b>DIMENSIONS (H X W X D)</b>	110.6 x 28.1 x 78.4 mm
<b>WEIGHT</b>	128 g	<b>MTTF (25 °C)</b>	155 years
<b>COLOR</b>	Light gray	<b>APPROVALS</b>	CE

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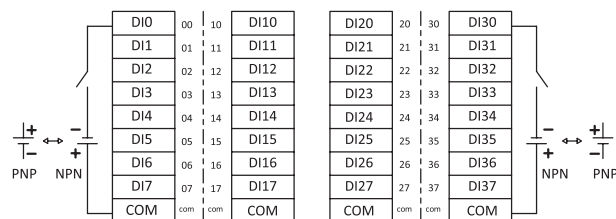
APPROVALS



DIMENSIONS



WIRING DIAGRAM



**FX20-DI-BL60**

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