

**FAD**  
**FAD CTLX HE40 32DI**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
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Front adapter for Control-Logix card from Rockwell with 20- and 36-pole connectors. The power can be supplied directly to the front adapter and it can be commonly or individually distributed per byte (8 signals).

**General ordering data**

Type	FAD CTLX HE40 32DI
Order No.	<a href="#">1127940000</a>
Version	Interface, FAD, Specific, Plug-in connectors according to IEC 60603-13 / DIN 41651 40p
GTIN (EAN)	4032248909452
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Length	34.5 mm	Length (inches)	1.358 inch
Width	110 mm	Width (inches)	4.331 inch
Net weight	49.7 g		

**Temperatures**

Operating temperature, max.	50 °C	Operating temperature, min.	-25 °C
Storage temperature, max.	60 °C	Storage temperature, min.	-40 °C
Operating temperature	-25...50 °C	Storage temperature	-40...60 °C

**Connection data**

Connection (field side)	Plug-in connectors according to IEC 60603-13 / DIN 41651 40p	Connection to PLC	Rockwell Control-Logix
Connection to the card	1756-IB32	Supply plug-in connectors	SL/BLZ 3.5 mm

**Ratings data**

Operating voltage	30 V AC / 60 V DC	Max. current per channel	1 A
Max. current per byte	2 A		

**Insulation coordination (EN50178)**

According to	DIN EN 50178	Rated insulation voltage	< 50 V AC
Surge voltage category	III	Pollution severity level	2
Pulse voltage test (1,2/50µs)	0.5 kV	Insulation test voltage	0.35 kVAC

**Supply connection**

Type of connection	Screw connection	Clamping range, min.	0.08 mm <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	1.5 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>	Flexible with sleeve, max.	1.5 mm <sup>2</sup>
Wire cross-section, min. AWG	AWG 28	Wire cross-section, max. AWG	AWG 14
Tightening torque, min.	0.2 Nm	Tightening torque, max.	0.25 Nm
Stripping length	6 mm		

**Classifications**

ETIM 5.0	EC002780	ETIM 6.0	EC002584
eClass 6.2	27-24-22-04	eClass 7.1	27-14-11-52
eClass 8.1	27-14-11-52	eClass 9.0	27-14-11-52
eClass 9.1	27-24-22-92		

**Approvals**

Approvals



ROHS

Conform

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**Drawings**

