

Installation Identity and Scope

Weidmuller FS2COECO is the compact model form requested for the official FS 2CO ECO relay socket, order number 7760056126. It is an economical screw-connection socket for D-SERIES DRM and DRE relays with two changeover contacts and TS 35 mounting-rail installation.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	FS2COECO
Manufacturer	Weidmuller
Hardware role	Relay Socket
System family	D-SERIES Relay Accessories

Controlled engineering copy

Verify FS 2CO ECO and order number 7760056126 on the installed socket. Match the relay, two-changeover contact arrangement, conductor preparation and tightening torque to the current Weidmuller documentation.

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Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify FS 2CO ECO and order number 7760056126 before installation.
2	Isolate all control and load circuits before wiring or relay removal.
3	Use only a compatible D-SERIES DRM or DRE relay for the documented socket arrangement.
4	Confirm the two-changeover contact assignment before terminating conductors.
5	Keep conductor size within the documented 0.5 to 2.5 mm ² range.
6	Tighten screw terminals within the documented 0.5 to 0.8 Nm range.
7	Verify TS 35 rail retention and terminal security before energization.
8	Complete continuity, isolation and controlled functional checks before release.

Before Energization

CONTROL	REQUIRED RECORD
Identity	Complete FS2COECO marking and hardware role
Connections	Approved power, grounding and protocol interfaces
Configuration	Controlled backup, addressing and protocol files
Test plan	Defined acceptance values and controlled restart authority

Release hold point

Do not disturb the installed device until exact marking, interfaces, companion hardware and configured function are documented.

Wiring, Network and Configuration Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Order number	7760056126
Product family	D-SERIES relay socket
Connection type	Screw connection
Contact arrangement	2 changeover contacts
Contact rating	10 A at 300 V
Maximum switching voltage	250 V AC
Dielectric strength, coil-contact	2000 V
Dielectric strength, contact-contact	2000 V

Configuration boundary

Verify FS 2CO ECO and order number 7760056126 on the installed socket. Match the relay, two-changeover contact arrangement, conductor preparation and tightening torque to the current Weidmuller documentation.

Expected Technical Values

PARAMETER	VALUE
Conductor cross-section	0.5 to 2.5 mm ²
Tightening torque	0.5 to 0.8 Nm
Ambient temperature	-40 to +70 degrees C
Mounting rail	TS 35

Additional Official Data

PARAMETER	VALUE
GTIN	4032248878154
Minimum order quantity	10 pieces
UL file	cURus E355547
RoHS status	Compliant
ETIM classification	EC001456
ECLASS classification	27-37-16-03

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	Manufacturer and complete FS2COECO marking match the record.
Power	Measured supply agrees with the documented operating requirement.
Interface	Connectors, addressing and network parameters match the approved project.
Configuration	Protocol files, framing and mapped data areas match the controlled backup.
Diagnostics	No unexplained status, counter or communication fault remains.
Functional proof	Controlled bidirectional data transfer completes successfully.
Release	Final values and test results are retained with restart approval.

Questions to Resolve

QUESTION	ENGINEERING ANSWER
What is Weidmuller FS2COECO?	FS2COECO corresponds to the official FS 2CO ECO relay socket, order number 7760056126.
Which relay family uses Weidmuller FS2COECO?	The official catalog identifies it as an economical socket for D-SERIES DRM and DRE relays.
How many changeover contacts does Weidmuller FS2COECO support?	The socket is documented for two changeover contacts.
Which connection method does Weidmuller FS2COECO use?	It uses screw connection.
Which mounting rail is specified for Weidmuller FS2COECO?	The official data lists TS 35 mounting rail.
Which conductor range is documented for Weidmuller FS2COECO?	The catalog lists 0.5 to 2.5 mm ² conductors.
Which tightening torque applies to Weidmuller FS2COECO?	The documented tightening range is 0.5 to 0.8 Nm.
What confirms Weidmuller FS2COECO installation acceptance?	The exact type and order number, compatible relay, contact assignments, conductor preparation, torque and functional test must match the controlled record.

Source, Related Products and Release

MODEL	APTER POWER PAGE
Allen-Bradley 80190-220-01-R	View Allen-Bradley 80190-220-01-R
Allen-Bradley 81000-199-51-R	View Allen-Bradley 81000-199-51-R
Allen-Bradley 80190-640-02-R	View Allen-Bradley 80190-640-02-R
Allen-Bradley 80190-600-01-R	View Allen-Bradley 80190-600-01-R
Siemens 6ES7417-4HL04-0AB0	View Siemens 6ES7417-4HL04-0AB0
Siemens 6ES7417-5HT06-0AB0	View Siemens 6ES7417-5HT06-0AB0

MANUFACTURER SOURCE RECORDS

1. Weidmuller official FS 2CO ECO data sheet, order number 7760056126
2. Weidmuller D-SERIES relay catalogue, December 2024

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	FS2COECO recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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