



Sealed Rectangular Connectors (SRC)

TE Connectivity's SRC is a series of heavy-duty, high pin count sealed rectangular connectors that meets the demanding requirements of the industrial and commercial transportation industry. SRC connectors are rated IP67 and IP69K with an operating temperature range of -40°C to +125°C and designed for heavy duty applications commonly found in the truck, agricultural, construction, marine and other industrial markets.

Commercial vehicle applications are becoming more complex, resulting in larger wire harnesses that need to be fed-through panels and bulkheads. In response to the need for more circuits, SRC connectors offer a robust, sealed connector system that is available with eight (8) contact arrangements and a mix of power and signal contacts up to 84 positions. SRC connectors feature single-handed blind mate functionality with slide action, TPA terminal position assurance and rear integrated backplate protection. Backshells are available for additional sealing protection and wire routing options.

Features and Benefits

Trusted & Reliable

- Rated IP67 and IP69K for sealed applications in harsh environments
- -40°C to +125°C operating temperature allows for under-hood applications
- TPA terminal position assurance ensures that crimped terminal leads are properly installed in the connector
- Enhanced connector alignment prevents terminals from being damaged during mating operation

Ease of use

- Simple connector alignment and sliding connector latch allow for easy installation and blind mating
- TPA, grommet seal and backplate are integrated in the connector housing simplifying harness assembly
- Simple crimp and poke of terminal leads through grommet seal simplifies harness assembly and field repairs

Increased Flexibility

- Eight (8) contact arrangements provide design flexibility for power and signal circuits combinations up to 84 positions
- Backshells offer additional sealing protection and wire routing options
- Panel gasket available for increased pass-through sealing performance

Industries and Applications

Wire-to-wire, Panel Mount, Bulkhead/Firewall



Agriculture

- Tractors
- Combines
- Implements



Construction Equipment

- Fork lifts
- Loaders
- Cranes



Vocational Trucks

- Fire trucks
- Concrete mixers
- Refuse trucks
- Work trucks



Truck & Bus



Marine



Recreational Vehicles

SRC RECTANGULAR CONNECTORS

Technical Specifications:

Protection	IP67 and IP69K
Operating Temperature	-40°C to +125°C
Contact Arrangements (Signal-Power)	84-0, 72-2, 60-6, 48-8, 36-12, 24-14, 12-18, 0-20
Contacts	Signal MX150: Female Molex 33012 series, Blade Molex 33000 series
	Signal SRC2.5: Female Molex 93643 series, Blade Molex 93642 series
	Power MX150L: Female Molex 19434 series, Blade Molex 19431 series
Operating Current	Signal MX150: 84-Circuit (fully loaded): 6.0A with 30°C T-Rise Individual Terminal: 18.0A (AWG 14)
	Signal SRC2.5: 20-Circuit (fully loaded): 15.0A with 30°C T-Rise Individual Terminal: 20.0A (AWG 13)
	Power MX150L: Individual Terminal: 40.0A (AWG 8)
Wire Seal Range	Signal MX150: 1.50-2.70mm
	Signal SRC2.5: 1.50-3.00mm
	Power MX150L: 3.00-5.00mm

Part Numbers:

No Circuits		Circuits			Circuits						
Signal	Power	Signal	Signal	Power	Color	Receptacle (Slide Latch)			Plug (Panel Mount)		
		MX150	SRC 2.5mm	MX150L		TCPN	Alias	Gender	TCPN	Alias	Gender
84	0	60	24		Black	2500009-1	932878425	F	2500025-1	937928425	M
84	0	60	24		Green	2500015-1	938498425	F	2500026-1	938508425	M
84	0	84			Black	2500008-1	932870001	F	2500024-1	937928400	M
84	0	84			Green	2500014-1	938498400	F	2500027-1	938508400	M
72	2	72		2	Black	2500007-1	850847202	F	2500023-1	937927202	M
60	6	36	24	6	Black	2500006-1	850846025	F	2500022-1	937926025	M
60	6	36	24	6	Green	2500013-1	938496025	F	2500028-1	938506025	M
60	6	60		6	Black	2500005-1	850840700	F	2500021-1	937926006	M
60	6	60		6	Green	2500012-1	938496006	F	2500029-1	938506006	M
48	8	48		8	Black	2500004-1	850844808	F	2500020-1	937924808	M
48	8	48		8	Green	2500011-1	938494808	F	2500030-1	938504808	M
36	12	36		12	Black	2500003-1	850843612	F	2500019-1	937923612	M
36	12	36		12	Green	2500010-1	938493612	F	2500031-1	938503612	M
24	14	24		14	Black	2500002-1	850842414	F	2500018-1	937922414	M
12	18	12		18	Black	2500001-1	850841218	F	2500017-1	937921218	M
0	20	0		20	Black	2500000-1	850840020	F	2500016-1	937920020	M

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SCR Accessories		TCPN	Alias
Backshell	Receptacle (F) Conduit Cover*	2500034 series	934810 series
	Plug (M) Conduit Cover*	2500035 series	934815 series
Flange Gasket	Plug (M) for panel mount	2500032-1	850710017

* Visit TE.com for Conduit Cover options

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