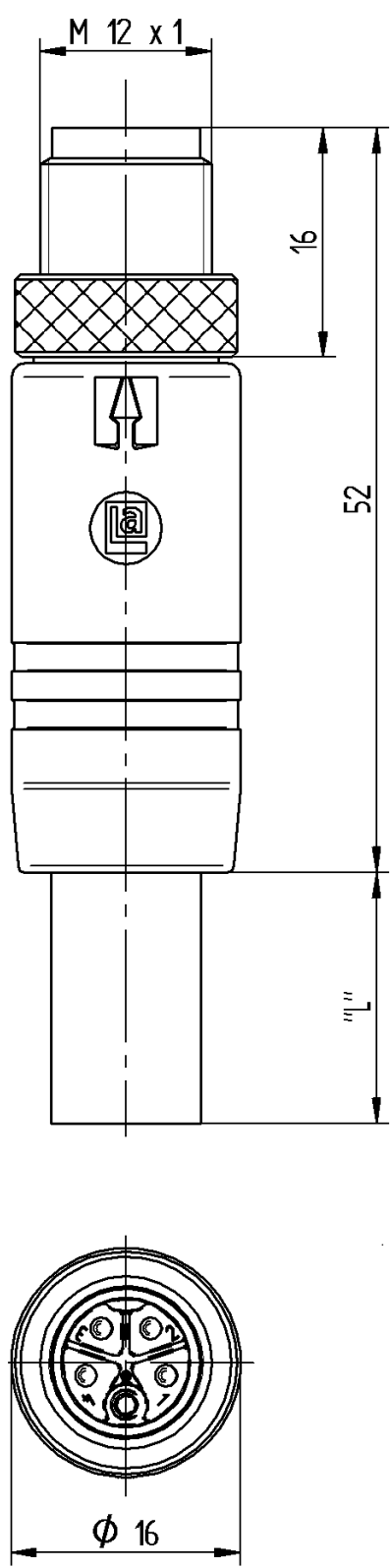

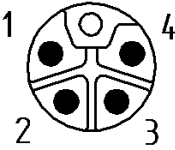
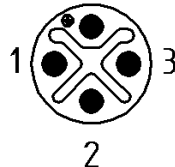
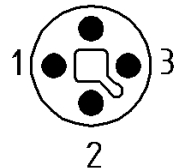
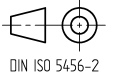


RoHS ✓



Typ/ type	Standard - Kontaktbelegung/		
	Polzahl/ number of poles	Farbkennung/ colour code	
RST(S) 5K...	5	<div>PE</div> 	1 = schwarz 1/ <i>black 1</i>
			2 = schwarz 2/ <i>black 2</i>
			3 = schwarz 3/ <i>black 3</i>
			4 = schwarz 4/ <i>black 4</i>
			PE = grüngelb/ <i>green-yellow</i>
RST(S) 5L...	5	<div>FE</div> 	1 = braun/ <i>brown</i>
			2 = weiß/ <i>white</i>
			3 = blau/ <i>blue</i>
			4 = schwarz/ <i>black</i>
			FE = grau / <i>grey</i>
RKT(S) 4S...	4	<div>PE</div> 	1 = schwarz 1/ <i>black 1</i>
			2 = schwarz 2/ <i>black 2</i>
			3 = schwarz 3/ <i>black 3</i>
			PE = grüngelb/ <i>green-yellow</i>
RST(S) 4T...	4	<div>4</div> 	1 = braun/ <i>brown</i>
			2 = weiß/ <i>white</i>
			3 = blau/ <i>blue</i>
			4 = schwarz/ <i>black</i>

The information/details in this datasheet merely contain general descriptions or performance factors which, when applied in an actual situation, do not always correspond with the described form, and may be amended by way of the further development of products. The desired performance factors shall only be binding if these are expressly agreed on conclusion of the contract.



Product description

- M12 male shielded / unshielded connector with threaded joint and molded cable
- knurled screw with self-locking threaded joint
- Optional 360° shielding connected to knurled screw

Type	RST(S) 5...., see standard products
Order No	see standard products
Type of contacts	male
Number of contacts	5 (4+PE):, K - Coding 5 (4+FE):, L - Coding 4 (3+PE):, S - Coding 4:, T - Coding
Standard	IEC 61076-2-111
Construction type	K-, L-, S- or T-coded
Conductor size	1,5 mm ² *
Color contact bearer	K: blue L: grey S: black T: dark-grey

* Cable size: 0,75 mm² and 2,5 mm² on request

Technical data

Clearance / Creepage distance	DIN EN 60664-1 (2008/01); VDE 0110-1
Rated voltage	see table, page 1
Operating voltage	600 V ac/dc, K- / S-Coding 50 V ac / 60 V dc, L- / T-Kodierung
Rated current *	16 A; 1,5 mm ² 10 A; 0,75 mm ²
Rated impulse voltage	see table, page 1
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact resistance	≤ 10 mΩ
Insulation resistance	> 10 ⁹ Ohm
Mating cycles	max. 100

* Notice derating

Materials

Contact	CuNi
Contact plating	Cu/Au
Contact bearer	PBT GF
over molding	TPE, blue or black
Coupling screw	CuZn
O-ring	FKM
Surface coupling screw	Cu/Ni
Shielding sleeve	CuZn, plating: Ni

Environmental conditions

Protection class (IEC 60529) *	IP65, IP67
Protection class ISO 20653 (DIN 40050-9) *	IP69K
Temperature range (connector)	-40 °C to +125 °C, notice derating

* only if mounted and locked in combination with Hirschmann / Lumberg connector.

Flammability class

over molding	UL 94 HB
Contact bearer	UL 94 V-2

Approvals

VDE	DIN EN 61984: in preparation
UL	UL 2238, E315587

Cable-data

Cabletype	see cable-datasheets
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further types on request

Additional technical data

Fastening torque (coupling screw)	M 12x1: (50-60) Ncm, hand-tight
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Cutline

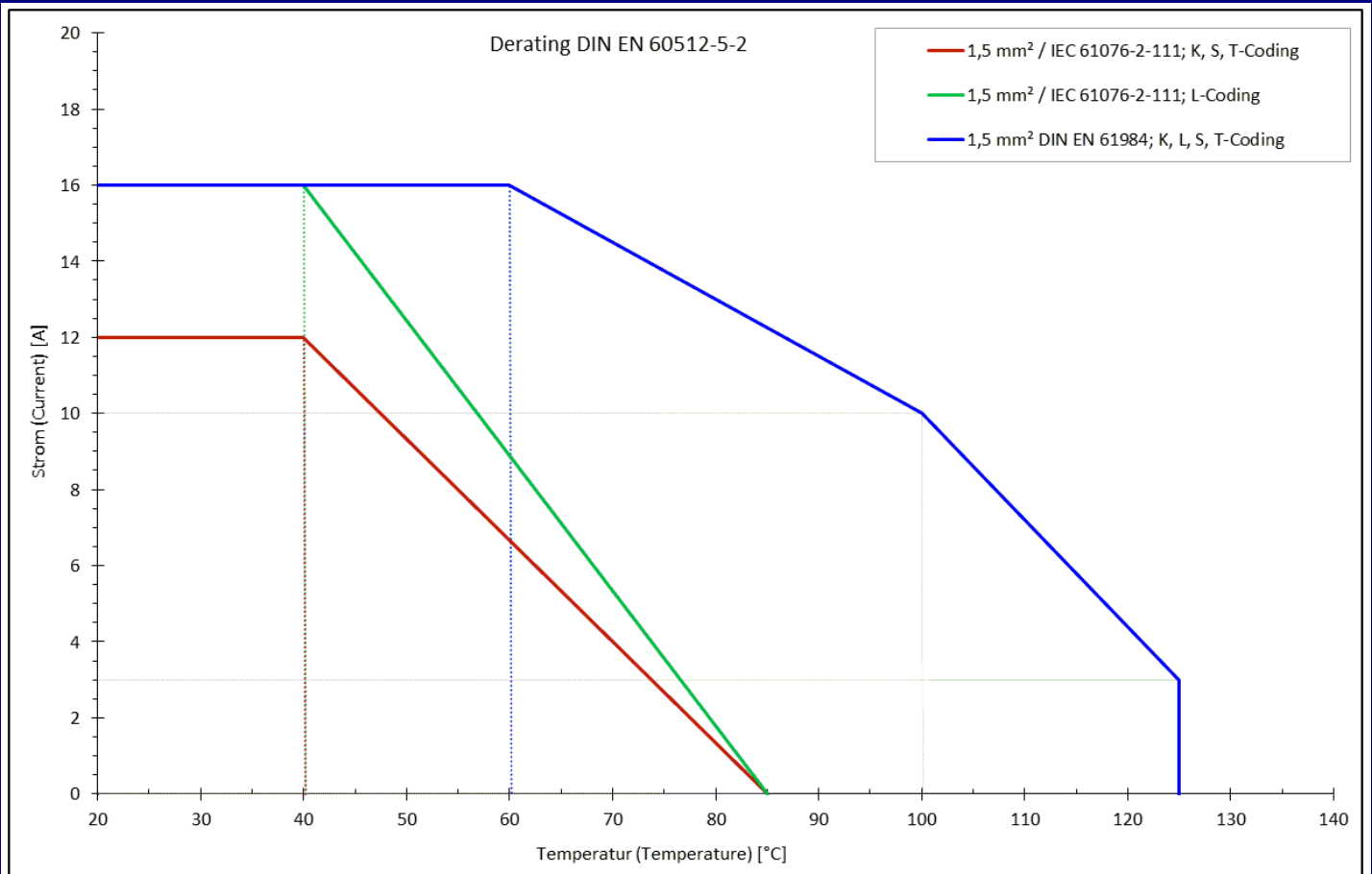
Do not connect / disconnect under load.

Caution hot!

Under power the surface of the connector can reach a temperature of more then 56 °C (144 °F).

The specified electrical and mechanical characteristics require a properly locked connector.

When the connetor is unlocked and in risk of pollution the connector has to be covered with a protective cap \geq IP54.



Standard products

Artikel-No.	Type	Rated voltage	Rated impulse voltage	Cable size
934-851-001	RST 4S-703/2 M	630 V	6 kV	1,50 mm ²
934-851-002	RST 4S-703/5 M	630 V	6 kV	1,50 mm ²
934-851-003	RST 4S-703/10 M	630 V	6 kV	1,50 mm ²
934-851-004	RST 4S-703/15 M	630 V	6 kV	1,50 mm ²
934-851-005	RST 4S-733/2 M	630 V	6 kV	1,50 mm ²
934-851-006	RST 4S-733/5 M	630 V	6 kV	1,50 mm ²
934-851-007	RST 4S-733/10 M	630 V	6 kV	1,50 mm ²
934-851-008	RST 4S-733/15 M	630 V	6 kV	1,50 mm ²
934-851-009	RST 4T-723/2 M	63 V	1,5 kV	1,50 mm ²
934-851-010	RST 4T-723/5 M	63 V	1,5 kV	1,50 mm ²
934-851-011	RST 4T-723/10 M	63 V	1,5 kV	1,50 mm ²
934-851-012	RST 4T-723/15 M	63 V	1,5 kV	1,50 mm ²
934-851-017	RST 5K-911/2 M	630 V	6 kV	1,50 mm ²
934-851-018	RST 5K-911/5 M	630 V	6 kV	1,50 mm ²
934-851-019	RST 5K-911/10 M	630 V	6 kV	1,50 mm ²
934-851-020	RST 5K-911/15 M	630 V	6 kV	1,50 mm ²
934-851-021	RST 5K-735/2 M	630 V	6 kV	1,50 mm ²
934-851-022	RST 5K-735/5 M	630 V	6 kV	1,50 mm ²
934-851-023	RST 5K-735/10 M	630 V	6 kV	1,50 mm ²
934-851-024	RST 5K-735/15 M	630 V	6 kV	1,50 mm ²
934-851-025	RST 5K-736/2 M	630 V	6 kV	0,75 mm ²
934-851-026	RST 5K-736/5 M	630 V	6 kV	0,75 mm ²
934-851-027	RST 5K-736/10 M	630 V	6 kV	0,75 mm ²
934-851-028	RST 5K-736/15 M	630 V	6 kV	0,75 mm ²
934-851-039	RSTS 4S-700/2 M	630 V	6 kV	1,50 mm ²
934-851-040	RSTS 4S-700/5 M	630 V	6 kV	1,50 mm ²
934-851-041	RSTS 4S-700/10 M	630 V	6 kV	1,50 mm ²
934-851-042	RSTS 4S-700/15 M	630 V	6 kV	1,50 mm ²
934-851-043	RSTS 4S-915/2 M	630 V	6 kV	1,50 mm ²
934-851-044	RSTS 4S-915/5 M	630 V	6 kV	1,50 mm ²
934-851-045	RSTS 4S-915/10 M	630 V	6 kV	1,50 mm ²
934-851-046	RSTS 4S-915/15 M	630 V	6 kV	1,50 mm ²
934-851-047	RSTS 4T-722/2 M	63 V	1,5 kV	1,50 mm ²
934-851-048	RSTS 4T-722/5 M	63 V	1,5 kV	1,50 mm ²
934-851-049	RSTS 4T-722/10 M	63 V	1,5 kV	1,50 mm ²
934-851-050	RSTS 4T-722/15 M	63 V	1,5 kV	1,50 mm ²
934-851-055	RSTS 5K-910/2 M	630 V	6 kV	1,50 mm ²
934-851-056	RSTS 5K-910/5 M	630 V	6 kV	1,50 mm ²
934-851-057	RSTS 5K-910/10 M	630 V	6 kV	1,50 mm ²
934-851-058	RSTS 5K-910/15 M	630 V	6 kV	1,50 mm ²
934-851-059	RSTS 5K-916/2 M	630 V	6 kV	1,50 mm ²
934-851-060	RSTS 5K-916/5 M	630 V	6 kV	1,50 mm ²
934-851-061	RSTS 5K-916/10 M	630 V	6 kV	1,50 mm ²
934-851-062	RSTS 5K-916/15 M	630 V	6 kV	1,50 mm ²
934-851-075	RST 5L-949/2 M	63 V	1,5 kV	1,50 mm ²
934-851-076	RST 5L-949/5 M	63 V	1,5 kV	1,50 mm ²
934-851-077	RST 5L-949/10 M	63 V	1,5 kV	1,50 mm ²
934-851-078	RST 5L-949/15 M	63 V	1,5 kV	1,50 mm ²
934-851-301	RST 4S-703/2 M SW	630 V	6 kV	1,50 mm ²
934-851-302	RST 4S-703/5 M SW	630 V	6 kV	1,50 mm ²
934-851-303	RST 4S-703/10 M SW	630 V	6 kV	1,50 mm ²
934-851-304	RST 4S-703/15 M SW	630 V	6 kV	1,50 mm ²
934-851-305	RST 4S-733/2 M SW	630 V	6 kV	1,50 mm ²
934-851-306	RST 4S-733/5 M SW	630 V	6 kV	1,50 mm ²
934-851-307	RST 4S-733/10 M SW	630 V	6 kV	1,50 mm ²
934-851-308	RST 4S-733/15 M SW	630 V	6 kV	1,50 mm ²
934-851-309	RST 4T-723/2 M SW	63 V	1,5 kV	1,50 mm ²
934-851-310	RST 4T-723/5 M SW	63 V	1,5 kV	1,50 mm ²
934-851-311	RST 4T-723/10 M SW	63 V	1,5 kV	1,50 mm ²
934-851-312	RST 4T-723/15 M SW	63 V	1,5 kV	1,50 mm ²

Datasheet-No. 934-851-999 Type: RST(S) .../... M

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M12 male power connector 4 / 5-poles

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934-851-317	RST 5K-911/2 M SW	630 V	6 kV	1,50 mm ²
934-851-318	RST 5K-911/5 M SW	630 V	6 kV	1,50 mm ²
934-851-319	RST 5K-911/10 M SW	630 V	6 kV	1,50 mm ²
934-851-320	RST 5K-911/15 M SW	630 V	6 kV	1,50 mm ²
934-851-321	RST 5K-735/2 M SW	630 V	6 kV	1,50 mm ²
934-851-322	RST 5K-735/5 M SW	630 V	6 kV	1,50 mm ²
934-851-323	RST 5K-735/10 M SW	630 V	6 kV	1,50 mm ²
934-851-324	RST 5K-735/15 M SW	630 V	6 kV	1,50 mm ²
934-851-325	RST 5K-736/2 M SW	630 V	6 kV	0,75 mm ²
934-851-326	RST 5K-736/5 M SW	630 V	6 kV	0,75 mm ²
934-851-327	RST 5K-736/10 M SW	630 V	6 kV	0,75 mm ²
934-851-328	RST 5K-736/15 M SW	630 V	6 kV	0,75 mm ²
934-851-339	RSTS 4S-700/2 M SW	630 V	6 kV	1,50 mm ²
934-851-340	RSTS 4S-700/5 M SW	630 V	6 kV	1,50 mm ²
934-851-341	RSTS 4S-700/10 M SW	630 V	6 kV	1,50 mm ²
934-851-342	RSTS 4S-700/15 M SW	630 V	6 kV	1,50 mm ²
934-851-343	RSTS 4S-915/2 M SW	630 V	6 kV	1,50 mm ²
934-851-344	RSTS 4S-915/5 M SW	630 V	6 kV	1,50 mm ²
934-851-345	RSTS 4S-915/10 M SW	630 V	6 kV	1,50 mm ²
934-851-346	RSTS 4S-915/15 M SW	630 V	6 kV	1,50 mm ²
934-851-347	RSTS 4T-722/2 M SW	63 V	1,5 kV	1,50 mm ²
934-851-348	RSTS 4T-722/5 M SW	63 V	1,5 kV	1,50 mm ²
934-851-349	RSTS 4T-722/10 M SW	63 V	1,5 kV	1,50 mm ²
934-851-350	RSTS 4T-722/15 M SW	63 V	1,5 kV	1,50 mm ²
934-851-355	RSTS 5K-910/2 M SW	630 V	6 kV	1,50 mm ²
934-851-356	RSTS 5K-910/5 M SW	630 V	6 kV	1,50 mm ²
934-851-357	RSTS 5K-910/10 M SW	630 V	6 kV	1,50 mm ²
934-851-358	RSTS 5K-910/15 M SW	630 V	6 kV	1,50 mm ²
934-851-359	RSTS 5K-916/2 M SW	630 V	6 kV	1,50 mm ²
934-851-360	RSTS 5K-916/5 M SW	630 V	6 kV	1,50 mm ²
934-851-361	RSTS 5K-916/10 M SW	630 V	6 kV	1,50 mm ²
934-851-362	RSTS 5K-916/15 M SW	630 V	6 kV	1,50 mm ²