

REMA Trukkiakkupistokkeet Din 80 160 320 640

DIN CONNECTORS

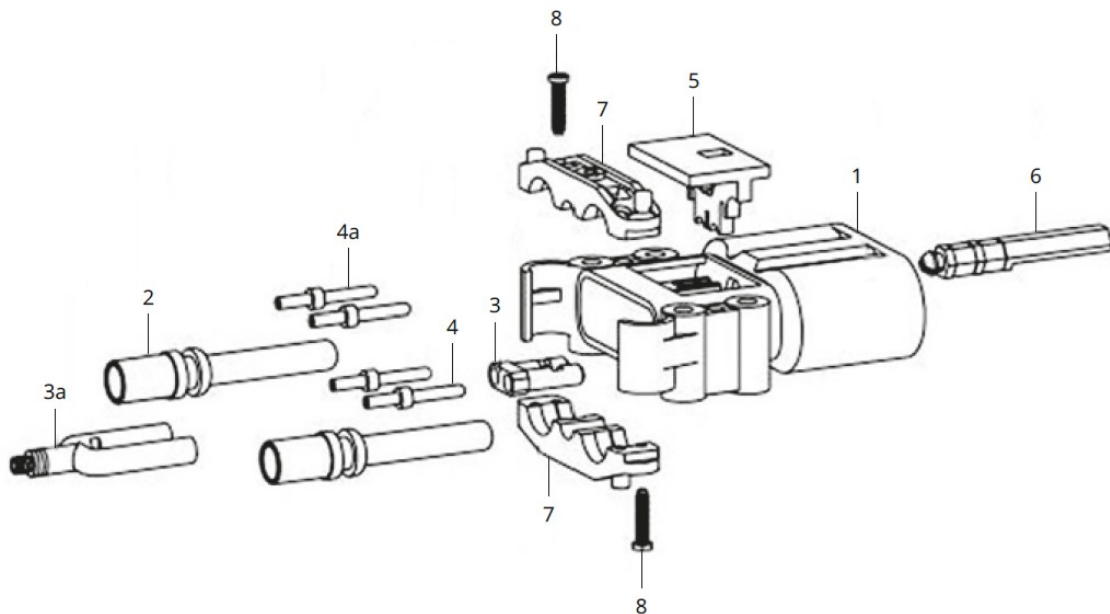


DIN 80/160/320/640

The REMA® brand DIN-style connectors exceed the requirement of the DIN Standard 43589 for both mechanical and electrical durability. The three traditional sizes of power connectors are based upon the amperage requirements: DIN 80 A, DIN 160 A, DIN 320 A. To meet the demands of newer high-current applications, including "fast charging", REMA® has developed a larger capacity DIN 640 A connector.

Features of the REMA® DIN-style connector include:

- Housing constructed of glass fiber reinforced composite material for extreme durability and resistance battery acid
- REMA® engineered contacts made of high grade electrolyte copper and silver plated for corrosion protection
- UL 1977 certified component
- Meets or exceeds the following industry standards: DIN 43589, EN 1175-1, IEC 20989, UL 1977
- In compliance with machinery directive 2006/42 EG and therefore with CE marking
- Accepts REMA® DIN-Style connector options including coding/locking pins, air supply, auxiliary contacts and handles
- Small number of parts
- Easy, intuitive assembly



OVERVIEW RANGE - DIN 80


Cable size mm ²	Plug (male)	Plug with handle	Socket (female)	Socket with handle
DIN style: 80 A				
16	116TA5134	139TA1927	131TA4678	112TA4818
25	106TA9914	139TA1928	106TA9916	112TA4819
35	123TA7593	139TA1929	123TA7592	123TA7591
With auxiliary contacts				
16	139TA1930	165TA4611	139TA1943	139TA1945
25	139TA1931	165TA4614	139TA1944	139TA1946
35	139TA1932	-	-	165TA4616
With air supply				
16	139TA1934	139TA1936	165TA4621	106TA9965
25	106TA9971	139TA1937	165TA4622	139TA1948
35	139TA1935	139TA1938	165TA4625	165TA4626
With air supply and auxiliary contacts				
16	139TA1939	165TA4631	165TA4632	165TA4633
25	139TA1940	165TA4634	165TA4635	165TA4636
35	139TA1941	165TA4639	-	165TA4640
With pilot and auxiliary contacts				
16	165TA4645	165TA4646	165TA4647	165TA4648
25	165TA4649	165TA4650	165TA4651	165TA4652

OVERVIEW RANGE - DIN 160


Cable size mm ²	Plug (male)	Plug with handle	Socket (female)	Socket with handle
DIN style: 160 A				
16	165TA4608	139TA1967	165TA4609	165TA4610
25	106TA9923	139TA1968	112TA4822	139TA1977
35	106TA9924	139TA1969	112TA4823	106TA9927
50	106TA9925	139TA1970	112TA4824	106TA9928
With auxiliary contacts				
16	165TA4612	-	-	165TA4613
25	139TA1971	165TA4615	139TA1978	139TA1981
35	139TA1972	165TA4617	139TA1979	139TA1982
50	139TA1973	165TA4618	139TA1980	139TA1983
70	139TA2018	165TA4619	139TA2029	139TA2032
95	139TA2019	165TA4620	139TA2030	139TA2033
With air supply				
25	106TA9978	165TA4623	165TA4624	139TA1984
35	106TA9979	165TA4627	165TA4628	139TA1985
50	106TA9980	165TA4629	165TA4630	139TA1986
With air supply and auxiliary contacts				
25	139TA1974	165TA4637	165TA4638	139TA1987
35	139TA1975	165TA4641	165TA4642	139TA1988
50	139TA1976	165TA4643	165TA4644	139TA1989
With pilot and auxiliary contacts				
25	165TA4653	165TA4654	165TA4655	165TA4656
35	165TA4657	165TA4658	165TA4659	165TA4660
50	165TA4661	165TA4662	165TA4663	165TA4664

OVERVIEW RANGE - DIN 320

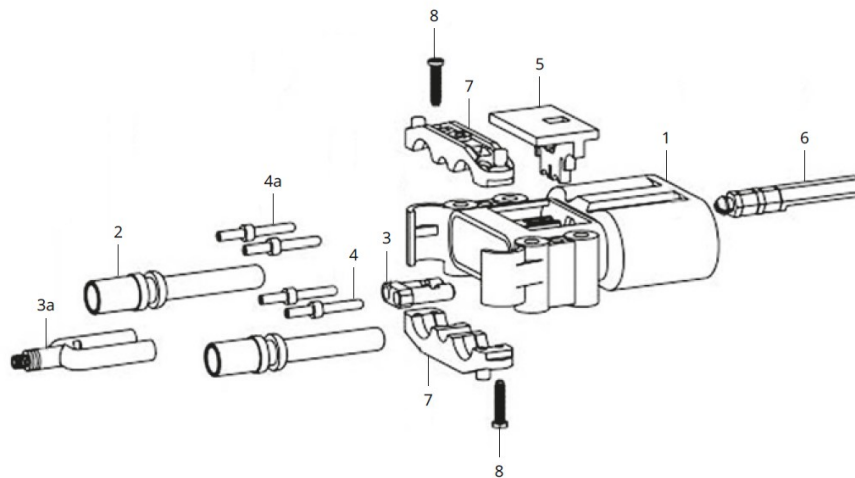


Cable size mm ²	Plug (male)	Plug with handle	Socket (female)	Socket with handle
DIN style: 320 A				
50	116TA4699	139TA2014	106TA9940	112TA4825
70	106TA9938	139TA2015	105TA4683	112TA4826
95	139TA2013	139TA2016	139TA2027	112TA4827
With auxiliary contacts				
50	139TA2017	165TA4673	139TA2028	139TA2031
With air supply				
50	106TA9984	139TA2021	139TA2034	106TA9975
70	106TA9985	139TA2022	139TA2035	106TA9976
95	139TA2020	139TA2023	139TA2036	139TA2037
With air supply and auxiliary contacts				
50	139TA2024	165TA4674	165TA4675	139TA2038
70	139TA2025	165TA4676	165TA4677	139TA2039
95	139TA2026	165TA4678	165TA4679	139TA2040
With pilot and auxiliary contacts				
50	165TA4680	165TA4681	165TA4682	165TA4683
70	165TA4684	165TA4685	165TA4686	165TA4687
95	165TA4688	165TA4689	165TA4690	165TA4691

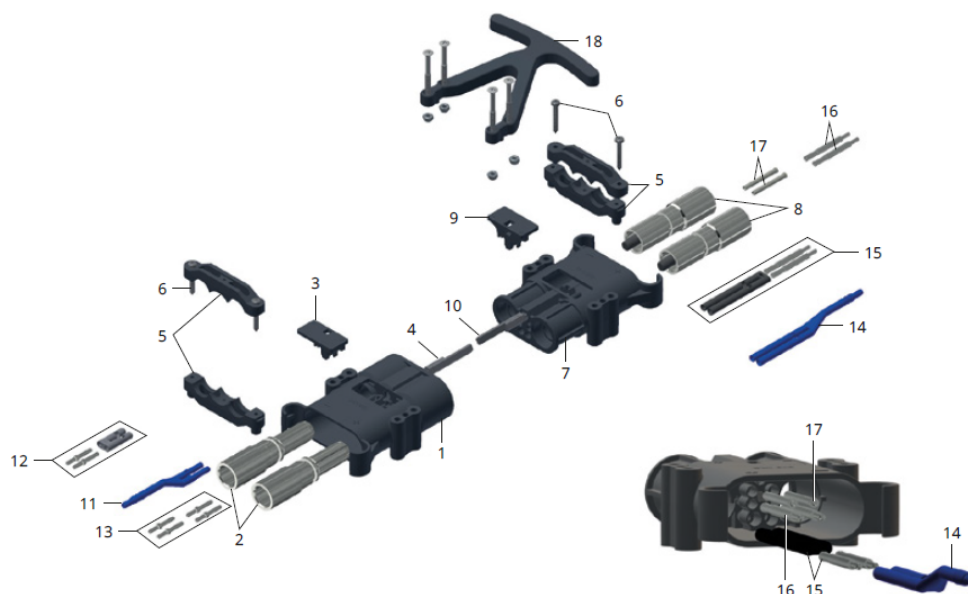
OVERVIEW RANGE - DIN 640



Cable size mm ²	Plug (male)	Socket (female)
DIN style: 640 A		
70	165TA4665	165TA4666
95	165TA4667	165TA4668
120	165TA4669	165TA4670
240	165TA4671	165TA4672



Item	Description	REF 80 A		REF 160 A		REF 320 A	
		Plug	Socket	Plug	Socket	Plug	Socket
1	Contact holder	168TA3593	168TA3597	168TA3623	168TA3607	168TA3612	168TA3615
	Contact holder + fixed handle	-	168TA3598	-	168TA3608	-	-
3a	Contact holder + fixed handle	168TA5787	168TA6361	168TA6362	168TA6363	168TA6364	168TA6365
3a	Air adapter						
3a	Air adapter 6 and 8 mm	106TA9972	106TA9968	106TA9981	106TA9977	106TA9986	106TA9982
2	Air adapter 6 and 9 mm	-	-	139TA2008	139TA2009	-	-
	Main contact 1 piece	-	-	-	-	-	-
	16 mm ²	106TA9917	106TA9919	168TA3603	168TA3609	-	-
	25 mm ²	106TA9918	106TA9920	106TA9929	106TA9932	-	-
	35 mm ²	168TA3594	168TA3599	106TA9930	106TA9933	-	-
	50 mm ²	-	-	106TA9931	106TA9934	106TA9942	106TA9945
	70 mm ²	-	-	168TA3604	168TA3610	106TA9943	106TA9946
	95 mm ²	-	-	-	-	106TA9944	106TA9947
3	Adaptor for pilot contacts + pilot contacts 2 pieces	106TA9921	106TA9922	106TA9935	106TA9936	106TA9948	106TA9949
4							
4a	Auxiliary contact 1 piece	106TA9973	106TA9969	106TA9973	105TA4685	106TA9948	106TA9949
5	locking part	168TA3595	168TA3600	168TA3605	168TA3611	106TA9987	106TA9983
6	Cooling pin grey = wet + wet	139TA1961	139TA1961	139TA2010	139TA2010	168TA3613	168TA3616
	Cooling pin green = dry	139TA1962	139TA1962	139TA2011	139TA2011	139TA2011	139TA2011
	Cooling pin yellow = wet and dry	139TA1963	-	139TA2012	-	139TA2012	-
7 + 8	Cable clamp + screw	168TA3596	168TA3596	168TA3606	168TA3606	168TA3614	168TA3614
9	Handle grey	107TA7665	107TA7665	139TA2003	139TA2003	139TA2049	139TA2049
	Handle red	139TA1965	139TA1965	139TA2006	139TA2006	139TA2051	139TA2051
	Housing	-	-	-	-	-	-
1	Contact holder	139TA1951	139TA1952	139TA1990	139TA1991	139TA2041	168TA3617
5	Locking part						
7 + 8	Cable clamp						
	Housing						
1	Contact holder						
5	Locking part	168TA3602	168TA3618	168TA3619	168TA3620	168TA3621	168TA3622
7 + 8	Cable clamp						
3a	Air adaptor						



<https://eshop.tmh.com/products/TVH/168TA4449>

Item	Description	REF	Item	Description	REF
11	DIN640 air adapter plug (6/8 mm connection)	168TA4449	4, 10	DIN640 coding pin grey (wet)	168TA4426
12	DIN640 pilot contact set plug	168TA8040	4	DIN640 coding pin yellow (wet and dry)	168TA4428
13	DIN640 aux contact for plug	168TA4450	4	DIN640 coding pin blue (Li-ion)	168TA8043
14	DIN640 air adaptor socket (6/8 mm connection)	168TA4458	4, 10	DIN640 coding pin green (dry)	168TA4427
15	DIN640 pilot contact set socket	168TA8041	10	DIN640 coding pin socket blue (Li-ion)	168TA8044
16	DIN640 aux contact for socket	168TA4459	18	DIN640 handle bended incl. 4 screws M6 x 60	168TA8045
17	DIN640 aux contact for socket	168TA8042			

ACCESSORIES - DIN SERIES



HANDLES



Type	Size	Flat/DIN	Housing	Snap-on plug/socket (polycarbonate)	Snap-on plug/socket red
DIN	80	DIN	Standard	107TA7665	139TA1965
DIN	160	DIN	Standard	139TA2003	139TA2006
DIN	320	DIN	Standard	139TA2049	139TA2051
DIN	640	DIN	Standard	168TA2833	-



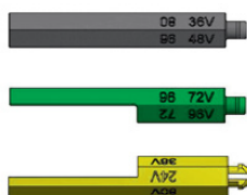
DIN LOCKING PLATES

REF [168TA4263](#) - 80 A
 REF [168TA4264](#) - 160 A
 REF [168TA4265](#) - 320 A

ACCESSORIES - DIN SERIES

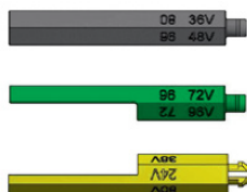


CODING PINS - DIN 80



Coding pin	Current rating I	Colour	Voltage range V	REF
Wet batteries	ACC DIN VDE 0623-589	Grey RAL7035	24/96	168TA6163
Dry batteries	ACC DIN VDE 0623-589	Green RAL6005	24/96	168TA4404
Universal (only for plugs, for wet and dry batteries)	ACC DIN VDE 0623-589	Yellow RAL1018	24/96	168TA4405

CODING PINS - DIN 160/320/640



Coding pin	Current rating I	Colour	Voltage range V	REF
Wet batteries	ACC DIN VDE 0623-589	Grey RAL7035	24/96	168TA4426
Dry batteries	ACC DIN VDE 0623-589	Green RAL6005	24/96	168TA4427
Universal (only for plugs, for wet and dry batteries)	ACC DIN VDE 0623-589	Yellow RAL1018	24/96	168TA4428



Coding pin	Current rating I	Colour	Voltage range V	REF
Lithium-ion (plug)	ACC DIN VDE 0623-589	Blue	24/96	168TA8043
Lithium-ion (socket)	ACC DIN VDE 0623-589	Blue	24/96	168TA8044