
REMA CONNECTORS



REMA Group, with locations in Germany, China and the USA, is one of the international technological leaders in the field of high-current contact systems. They develop and produce connector systems for charging electric vehicles, high-current connection materials and crimping tools as well as technologically sophisticated operator interfaces with integrated electronics. The development of the company was always supported by intensive research and development work. Through targeted knowledge transfer, new markets are continually explored and new, innovative products developed.

SRE Connectors

Reliable power connection solution for

- Electric vehicle batteries
- Battery chargers
- Forklift trucks
- Other DC voltage applications

Operating voltage determined by housing colour

- Simplifies mating of same voltages

Plug and socket with identical housing design

- Reduces quantity of components
- Reduces purchasing and storage cost

Acid resistant housing material

Handles, strain relieves and auxiliary contacts optional

CE Marking

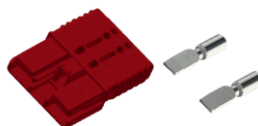
Contacts sized for AWG (American Wire Gauge) and metric cross sections

REMA developed high-grade contacts made out of pure high conductive Cu-ETP copper with silver plated surface and an anti-friction and tarnish coating ensure

- Power transition with minimal losses
- Long life
- Suitable for crimping

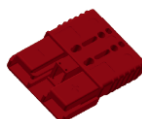


SRE 160 



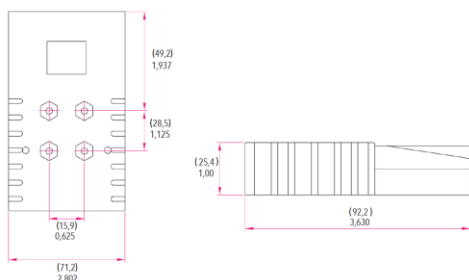
Connectors = Standard housing + wire contacts (set)					
Color	16 mm ²	25 mm ²	35 mm ²	50 mm ²	1/0 AWG
Red	78039-03	78035-00	78071-00	78036-00	78070-00
Gray	on request	78027-00	78051-00	78028-00	78050-00
Blue	on request	78029-00	78056-00	78030-00	78055-00
Black	78039-02	78039-00	78082-00	78040-00	78082-05
Yellow*	on request	78033-00	78066-00	78034-00	78065-00
Green	on request	78037-00	78081-00	78038-00	78080-00
Orange*	on request	78031-00	78061-00	78032-00	78060-00

*The housing is an original APP product



Standard housings		
Color	Ordering code	Description
Red	78024-00	Housing SRE 160 – Red
Gray	78020-00	Housing SRE 160 – Gray
Blue	78021-00	Housing SRE 160 – Blue
Black	78026-00	Housing SRE 160 – Black
Yellow*	78023-00	Housing SRE 160 – Yellow
Green	78025-00	Housing SRE 160 – Green
Orange*	78022-00	Housing SRE 160 – Orange





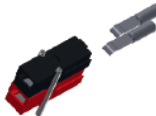
*The housing is an original APP product



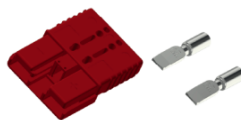

Silver plated wire contacts

Section	Ordering code	Description
16 mm ²	78284-00	Main Contact SRE 160 – 16 mm ²
25 mm ²	78282-00	Main Contact SRE 160 – 25 mm ²
35 mm ²	78283-00	Main Contact SRE 160 – 35 mm ²
50 mm ²	78281-00	Main Contact SRE 160 – 50 mm ²
1/0 AWG	78280-00	Main Contact SRE160/SRX175 – 1/0 AWG

Accessories

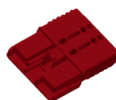
Picture	Ordering code	Description
	78290-04 78291-04	Handle SR / SRX 175 & SRE 160 – Gray – incl. screws Handle SR / SRX 175 & SRE 160 – Red – incl. screws
	78000-00	Strain Relief Cable Clamp in plastic REMA
	75071-10	Air Adapter SRE 160 – Blue
	78072-00	Coding pin SRE 160/320 – Yellow
	78079-00	Auxiliary Contact kit SRX / SRE

SRE 320 



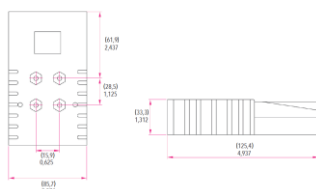
Connectors = Standard housing + wire contacts (set)					
Color	35 mm ²	50 mm ²	70 mm ²	95 mm ²	2/0 AWG
Red	on request	78340-00	78341-00	78342-00	78341-05
Gray	on request	78330-00	78331-00	78332-00	78331-05
Blue	78336-35	78335-00	78336-00	78337-00	78336-05
Black	78349-35	78349-00	78350-00	78351-00	78350-05
Yellow*	on request	78352-00	78353-00	78355-00	78353-05
Green	on request	78344-00	78345-00	78347-00	78345-05
Orange*	on request	78357-00	78358-00	78360-00	78358-05
Brown*	on request	78357-02	78358-02	78338-00	on request
Purple*	on request	on request	on request	on request	on request

*The housing is an original APP product



Standard housings		
Color	Ordering code	Description
Red	78151-00	Housing SRE 320 – Red
Gray	78149-00	Housing SRE 320 – Gray
Blue	78150-00	Housing SRE 320 – Blue
Black	78153-00	Housing SRE 320 – Black
Yellow*	78154-00	Housing SRE 320 – Yellow
Green	78152-00	Housing SRE 320 – Green
Orange*	78155-00	Housing SRE 320 – Orange
Brown*	78156-00	Housing SRE 320 – Brown
Purple*	78157-00	Housing SRE 320 – Purple

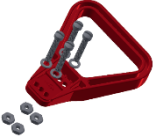


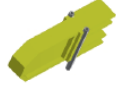
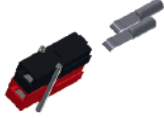
*The housing is an original APP product



 **Silver plated wire contacts**

Section	Ordering code	Description
35 mm ²	78286-00	Main Contact SRE 320 – 35 mm ²
50 mm ²	77951-00	Main Contact SRE 320 – 50 mm ²
70 mm ²	78285-00	Main Contact SRE 320 – 70 mm ²
95 mm ²	78287-00	Main Contact SRE 320 – 95 mm ²
2/0 AWG	78285-05	Main Contact SRE 320/SRX 350 – 2/0 AWG

Accessories

Picture	Ordering code	Description
	78297-02 78297-04 78298-04	Handle SR 350/SRE 320/SRX 350 – gray – with 2 screws 1/4" x 43 Handle SR 350/SRE 320/SRX 350 – gray Handle SR 350/SRE 320/SRX 350 – red
	78000-00	Strain Relief Cable Clamp in plastic REMA
	75071-11	Air Adapter SRE 320 – Blue
	78072-00	Coding pin SRE 160/320 – yellow
	78079-00	Auxiliary Contact kit SRX / SRE

Conversion table

10 mm ²	8 AWG
16 mm ²	6 AWG
25 mm ²	4 AWG
35 mm ²	2 AWG
50 mm ²	1/0 AWG
70 mm ²	2/0 AWG
95 mm ²	3/0 AWG
120 mm ²	4/0 AWG
150 mm ²	300 MCM
240 mm ²	500 MCM