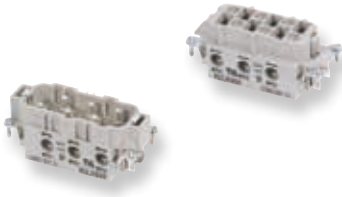


# 690 V 35 A contact inserts, screw connection

## Contact inserts **revos** POWER



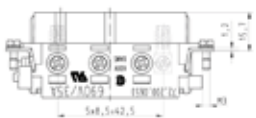
**6-pole + ground  
690 V  
Size 16**



Description	Type	Part No.	P.U.
<b>Contact inserts <b>revos</b> POWER</b>			
Male insert	<b>6-pole + ground</b> POW STS 6 6.0 40 AG	72.210.0653.0	10
Female insert	POW BUS 6 6.0 40 AG	72.200.0653.0	10
<b>Technical data</b>			
Rated voltage	690 V		
Rated voltage according to UL/CSA	600 V		
Rated impulse voltage	8 kv		
Rated current	35 A		
Degree of pollution	3		
<b>Rated cross section</b>			
EN 60999	2.5 – 6 mm <sup>2</sup>		
UL	14 – 8 AWG		
CSA	14 – 8 AWG		
<b>Contacts</b>			
Material	Copper alloy		
Surface	Ag		
Insulation strip length	10 mm		
Contact resistance	≤ 0.6 mΩ		
Mating cycles	200		
<b>Screws</b> head design / recomm. torque			
Mounting screws	H1 / 0.5 – 0.7 Nm		
Clamping screws	H1 / 1.2 – 1.6 Nm		
Ground conductor screws	M5 / 2.0 – 2.5 Nm		
Temperature range	-40 – +120 °C		
<b>Housing 500 V</b>			
Size	16/16H	Page 160–177	
Size	16XL	Page 183	

## Dimensions

### 6-pole + ground 690 V



**Derating curve**  
according to IEC 60512 sec. 3  
**revos** POWER  
72.200/210.0653.0 **revos** POWER  
6-pole 690 V / 35 A / 6.0 mm<sup>2</sup>

— Corrected current AC [A]

