

DESCRIPTION

Electric charging cable compliance to EN standard, application to most of the regions
 High mechanical performance
 Excellent weather ability
 Good resistance against chemicals
 Oil resistance against IRM902

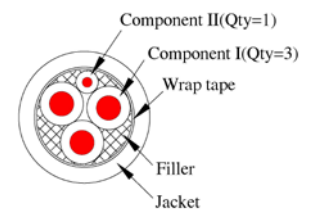
3x10mm² + 1x0.5mm² Bare Copper EN 450V/750V

STANDARDS

EN 50395, EN 50396, EN 50525, EN 50620, EN 60332-1-2, EN 60811
 ROHS 2011/65/EU

CABLE CONSTRUCTION

Conductors (3*10mm ² +1*0.5mm ²)	Stranded Bare Copper
Component I (Power cores)	10mm ²
Stranding	315/0.20mm
Nom. Dia.	4.65mm
Component II (Control pilot)	0.5mm ²
Stranding	19/0.18mm
Nom. Dia.	0.9mm
Insulation for component I	XL Polyolefin
Min. Avg. Thickness	0.7mm
Color	White, Black, Green/yellow
Nom. OD.	6.25mm
Insulation for component II	XL Polyolefin
Min. Avg. Thickness	0.6mm
Color	Orange
Nom. OD.	2.2mm
Final Assembly	3*Component I+1*Component II+filler
Wrap type	25% Overlap
Jacket	XL Polyolefin
Min. Avg. Thickness	1.4mm
Color	Black
Nom. O.D.	16.85mm



PRINT LEGEND

BYSON ELECTRONICS EVCZ6 3X10mm² + CP (CC) 1X0.5mm² 450/750V 90°C

ELECTRICAL CHARACTERISTICS (at +20°C)

Min. Insulation Resistance	10mm ² : 424MΩ.km
	0.5mm ² : 859MΩ.km
Voltage Withstand	3500 VAC/5min
Max. Conductor DC Resistance	10mm ² : 1.91Ω/km

0.5mm²: 39Ω/km

OTHER CHARACTERISTICS

Voltage Rating	450/750V
Working Temperature	-40°C ~90°C
Min. installation and handing	-25°C
Current carrying capacity (10mm ²)	54A@30°C Ambient

HISTORY

May 26, 2016 First Issue

Draft