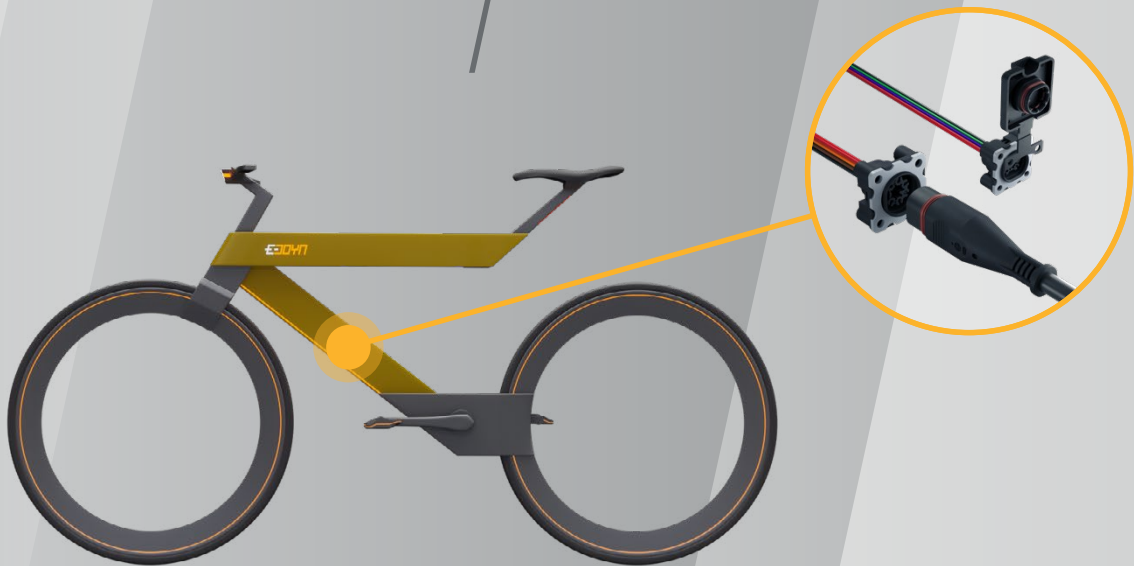


# 2+4 WAY CHARGING INTERFACES

WITH AND WITHOUT  
TOUCH PROTECTION



## FOR SAFE AND RELIABLE CHARGING

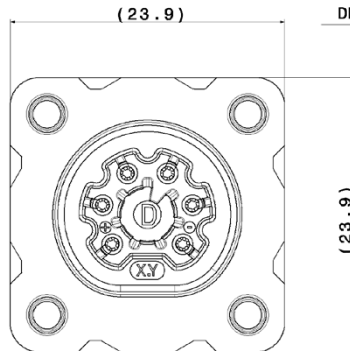
Our Charging Interfaces with up to six pins enable the connection between charger and battery. The built-in socket is used for both, the installation in the frame and directly in the rechargeable battery housing. The sealed charger harness is also suitable to charge in wet areas such as public charging stations. The interfaces convince through high IP protection classes as well as a high mating cycle capability that can be used for fast chargers up to 14 amperes. For variants above 42 V, we offer touch protection.

**In close cooperation with our customers, we realize product requirements for optimal system integration.**

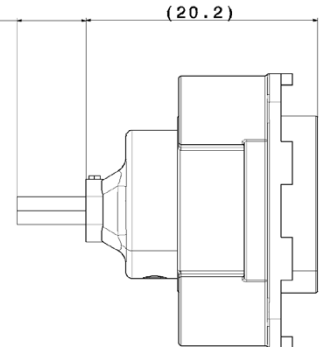
### KEY FEATURES

CONTACT SYSTEM POWER PINS	2x Ø1 mm round contact
CONTACT SYSTEM SIGNAL PINS	4x Ø1 mm round contact
RATED VOLTAGE POWER PINS	25, 36, 48, 50 V DC
RATED VOLTAGE SIGNAL PINS	12 V DC
MAXIMUM CURRENT LOAD POWER PINS	5, 7, 10, 14 A
MAXIMUM CURRENT LOAD SIGNAL PINS	2 A
PROTECTION CLASS NOT MATED	IP67
PROTECTION CLASS MATED	IPX5
MINIMUM OPERATING TEMPERATURE	-40° C
MAXIMUM OPERATING TEMPERATURE	+85° C
MATING CYCLE FREQUENCY	≥ 1000
MATING FORCE	ca. 22 N
CONNECTOR LOCKING	by force, no mechanical locking
CODINGS	A, B, C, D, E, F
TWIST PROTECTION	yes
POWER PIN WIRE CROSS SECTION	0.5, 0.75, 1 mm <sup>2</sup>
SIGNAL PIN WIRE CROSS SECTION	0.35 mm <sup>2</sup>
OVERVOLTAGE CATEGORY	DIN EN 60664-1/II
POLLUTION DEGREE	DIN EN 60664-1/3
IP-DEGREE OF PROTECTION	IPXXB, for variants > 42 V
MATERIAL CONTACT CARRIERS	PA66+PA6 GF25
MATERIAL OVERMOULDING	TPU Shore A85
PULL RELIEF	yes, overmolding
MOUNTING SCREW DISTANCE	17.5 mm x 17.5 mm
MOUNTING TORQUE SCREWS (BUILT-IN CONNECTOR)	1.1 Nm
STANDARDS	DIN EN 61984 DIN EN 50604-1 IEC 62133 partly UN 38.8 DIN EN 60335-1 DIN EN 60335-29 cULus (upon request)

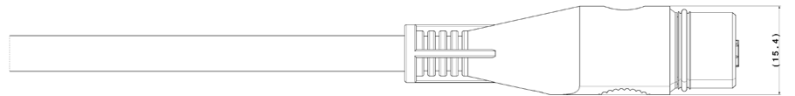
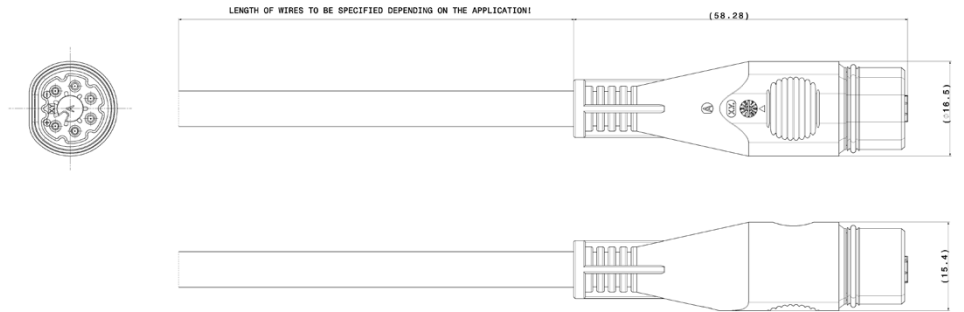
## BUILT-IN CONNECTOR



LENGHT OF WIRES TO BE SPECIFIED  
DEPENDING ON THE APPLICATION.



## CHARGING HARNESS



SEEKING MORE DETAILED INFORMATION?  
SCAN ME AND VISIT OUR WEBSITE.



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