



COUPLERS SWIFT LOCK JOINT – “C” SERIES 160A UP TO 325A 2.5kV



Couplers are utilized in surface and underground mining, strip, and pit operations. Coupler provide safe, convenient means for connecting portable cable rated up to 2500 V and up to 325 Amperes (Contact us if you request higher amperes) copper conductor to equipment: pumps, scoops, drag lines, loaders, barges, tunneling, portable junction boxes, or for joining lengths of low voltage cables.

FEATURES

- Ⓒ Insulation level: 2.5kV
- Ⓒ Range: 160, 225 and 325 (*) Operating temperature: 90° C.
- Ⓒ Enclosure degrees of protection: IP 66.
- Ⓒ Standards: IEEE-48 / IEC 60502 / IEC 60529
- Ⓒ (*): Contact us if you request higher amperes

STANDARD CONTACT ARRANGEMENT

- Ⓒ A: 3 Power
- Ⓒ B: 3 Power + Ground
- Ⓒ C: 3 Power + Ground + Pilot

The insulating body is a polymer specially formulated for mining use. We have the presentation of the “C” Series modular coupler with removable or disassembling contacts; Only an Allen wrench is needed to operate the 99.99%, silver-plated electrolytic copper contacts.

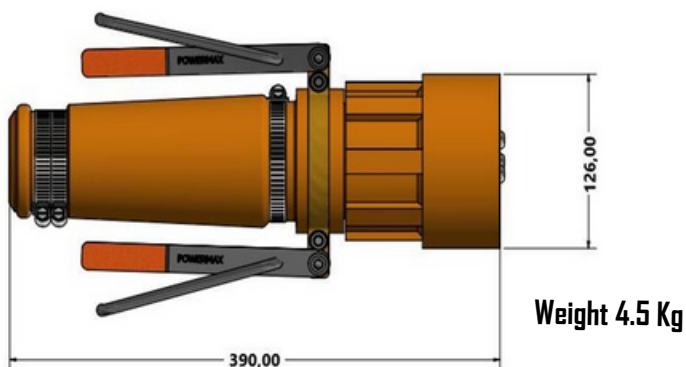
APPLICATIONS

- Ⓢ Fixed and portable cables
- Ⓢ Electrical panel boards
- Ⓢ Jumbos
- Ⓢ Ventilation
- Ⓢ Pumps

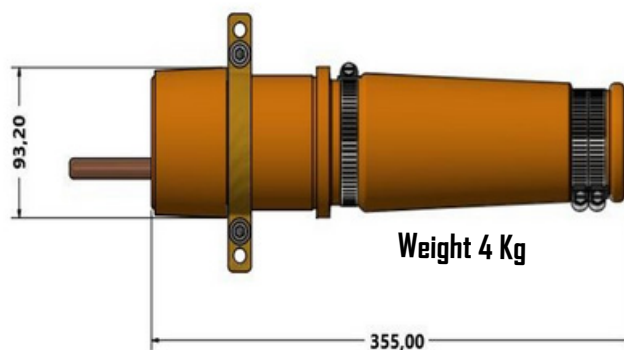


DIMENSIONS

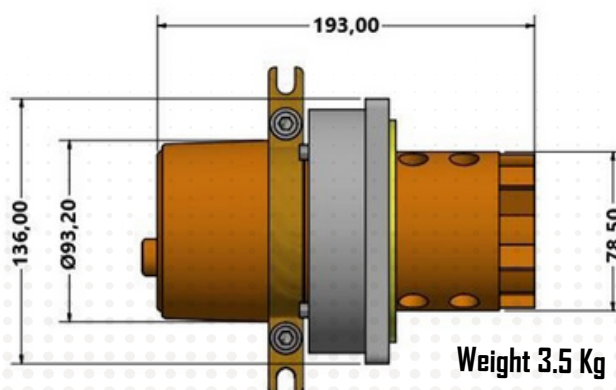
Swift Lock Joint
Cable Mount Male
Part Number PM9347C-1



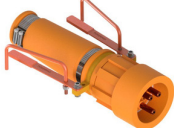
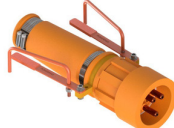
Swift Lock Joint
Cable Mount Female
Part Number PM9347C-2

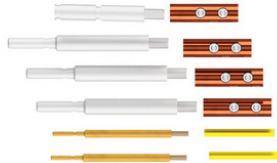


Swift Lock Joint
Equipment Mount Female
Part Number MA9347C-2

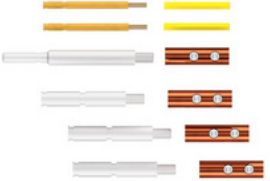
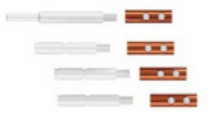


PARTS NUMBERS

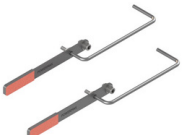
PART NUMBER	CURRENT RATING (A) TYPE	CABLE RANGE	CONFIGURATION	IMAGE
PM9346C-1	160A CABLE MOUNT MALE	8-2 AWG (10-35mm ²)	3Power + 1Ground + 2Pilot	
PM9346C-2	160A CABLE MOUNT FEMALE	8-2 AWG (10-35mm ²)	3Power + 1Ground + 2Pilot	
MA9346C-2	160A EQUIPMENT MOUNT FEMALE	8-2 AWG (10-35mm ²)	3Power + 1Ground + 2Pilot	
PM9347C-1	225A CABLE MOUNT MALE	1-2/0 AWG (50-70mm ²)	3Power + 1Ground + 2Pilot	
PM9347C-2	225A CABLE MOUNT FEMALE	1-2/0 AWG (50-70mm ²)	3Power + 1Ground + 2Pilot	
MA9347C-2	225A EQUIPMENT MOUNT FEMALE	1-2/0 AWG (50-70mm ²)	3Power + 1Ground + 2Pilot	
PM9341C-1	325A CABLE MOUNT MALE	3/0-4/0 AWG (95-120mm ²)	3Power + 1Ground + 2Pilot	
PM9341C-2	325A CABLE MOUNT FEMALE	3/0-4/0 AWG (95-120mm ²)	3Power + 1Ground + 2Pilot	
MA9341C-2	325A EQUIPMENT MOUNT FEMALE	3/0-4/0 AWG (95-120mm ²)	3Power + 1Ground + 2Pilot	

PART NUMBER	DESCRIPTION	IMAGE
PMCM46-C	MALE BODY – 46	
PMCM47-C	MALE BODY – 47	
PMCM41-C	MALE BODY – 41	
PMCH46-C	FEMALE BODY – 46	
PMCH47-C	FEMALE BODY – 47	
PMCH41-C	FEMALE BODY – 41	
PMCHC-46-C	FEMALE ADAPTER – 46	
PMCHC-47-C	FEMALE ADAPTER – 47	
PMCHC-41-C	FEMALE ADAPTER – 41	
PMC46-C	HOOD– 46, GROMMET INCLUDED	
PMC47-C	HOOD – 47, GROMMET INCLUDED	
PMC41-C	HOOD –41, GROMMET INCLUDED	
PMKCM46-C	MALE COPPER PINS Power + Ground + Pilot) – 46	
PMKCM47-C	MALE COPPER PINS (Power + Ground + Pilot) – 47	
PMKCM41-C	MALE COPPER PINS (Power + Ground + Pilot) – 41	

PARTS

PART NUMBER	DESCRIPTION	IMAGE
PMKCH46-C	FEMALE COPPER PINS (Power + Ground + Pilot) – 46	
PMKCH47-C	FEMALE COPPER PINS (Power + Ground + Pilot) – 47	
PMKCH41-C	FEMALE COPPER PINS (Power + Ground + Pilot) – 41	

TOOLS

PART NUMBER	DESCRIPTION	IMAGE
PMQCT-C46 PMQCT-C47 PMQCT-C41	HANDLE ASSEMBLY – 46 (MACHO) HANDLE ASSEMBLY – 47 (MACHO) HANDLE ASSEMBLY – 41 (MACHO)	
PMH46-C PMH47-C PMH41-C	BRACKET ASSEMBLY – 46 (HEMBRA) BRACKET ASSEMBLY – 47 (HEMBRA) BRACKET ASSEMBLY – 41 (HEMBRA)	

REV. March, 2024



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