



SCM

Systèmes et Connectique du Mans



UIC 552 CONNECTOR SERIES POWER SUPPLY

Electrical

Pole : 1
Contact : \varnothing 25 mm
Service Current : 3 kV AC/DC
Withstand Voltage : > 15 kV
Nominal rating : 800 A to -10°C
Contact Resistance : < 1 m Ω
Insulation Resistance : > 5000 m Ω
Electrical Choc : > 30 kV

Material

Shell : Aluminium alloy with painting
Insert : Polyamide
Contact : Silver plated brass
Fire Class according to NF F 16-102 requirement 2

Physico-chimique

Service Temperature : -50°C +120°C
Salt Spray : > 500 Hours
Protection Index : IP 56 according to EN60529
Fluid Resistance : gasoil, mineral oil, acid, base and cutting fluid

Mechanical

Durability : 2000 mating cycles
Vibrations : 1 g - 7 to 10 Hz (NF F 60-002 severity 1)
Shocks : 30 g - 18 ms semi-sinoïdale

Standard

UIC 552

Electrique

Nombre de pôle : 1
Contact : \varnothing 25 mm
Tension de service : 3 kV AC/DC
Tension de tenue : > 15 kV
Intensité nominale : 800 A à -10°C
Résistance de contact : < 1 m Ω
Résistance d'isolement : > 5000 m Ω
Choc électrique : > 30 kV

Matières

Boîtier : Alliage d'aluminium peint
Isolant : Polyamide
Contact : Laiton argenté
Classement au feu NF F 16-102 exigence 2

Physico-chimique

Classe de température : -50°C + 120°C
Brouillard salin : > 500 heures
Indice de protection : IP 56 selon EN60529
Résistance aux fluides : gazole, huile minérale, acide, base et huile de coupe

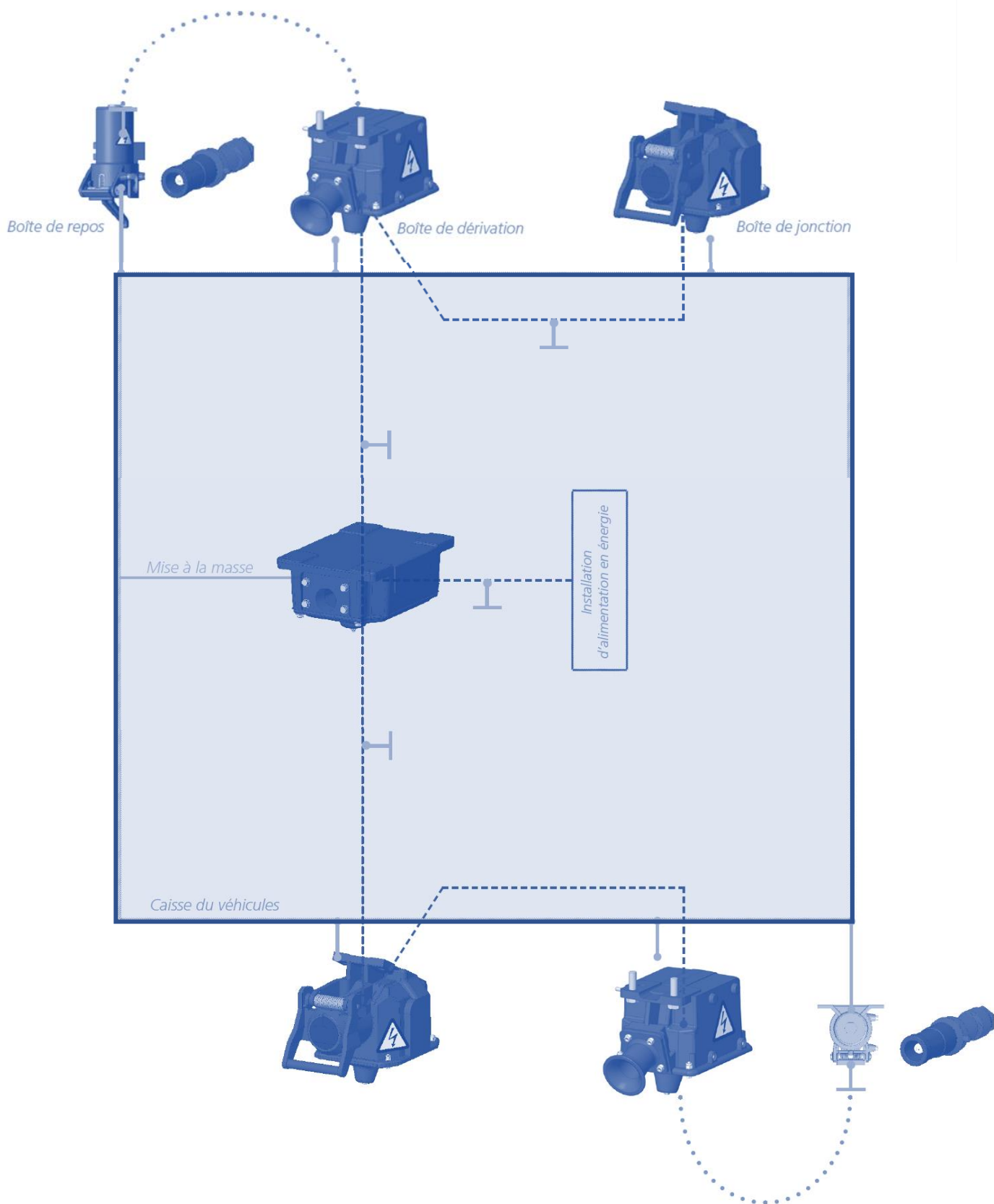
Mécanique

Endurance : 2000 manoeuvres
Vibrations : 1 g - 7 à 10 Hz (sévérité 1, NF F 60-002)
Chocs : 30 g - 18 ms semi sinoïdale

Norme

UI 552

Synoptic

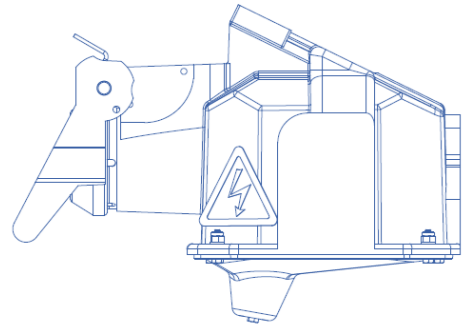
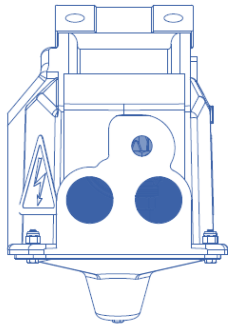




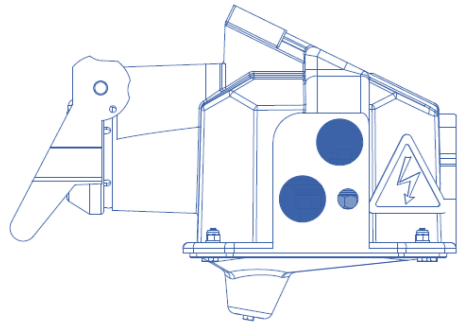
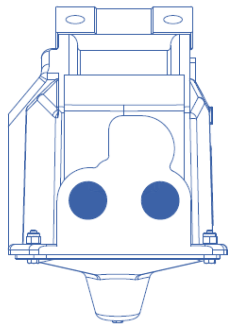
Junction box

■ Outlet Types / Types de sortie de câble

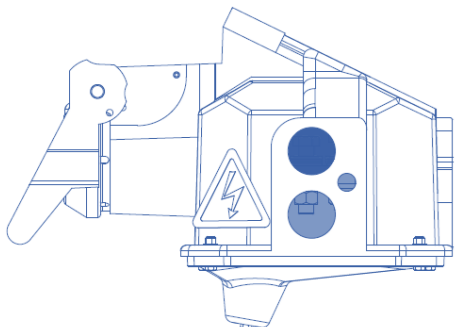
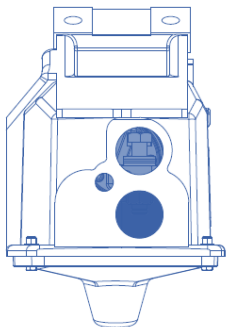
2 x M40 Rear Horizontal Outlets / Sorties arrières horizontales



2 x M40 Rear Horizontal Outlets & Lateral Outlet 2 x M40 sorties arrières horizontales & sorties latérales



1 or 2 x M40 Rear Vertical Outlets & Lateral Outlets 1 ou 2 sorties arrières et latérales verticales

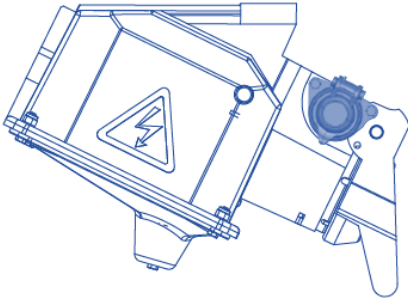




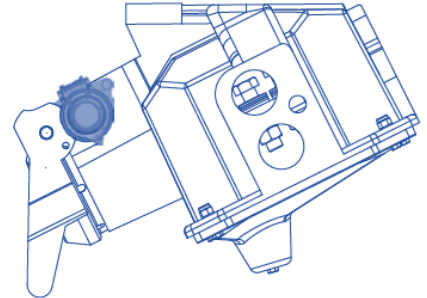
Junction box

Locking system Device / *Système de verrouillage*

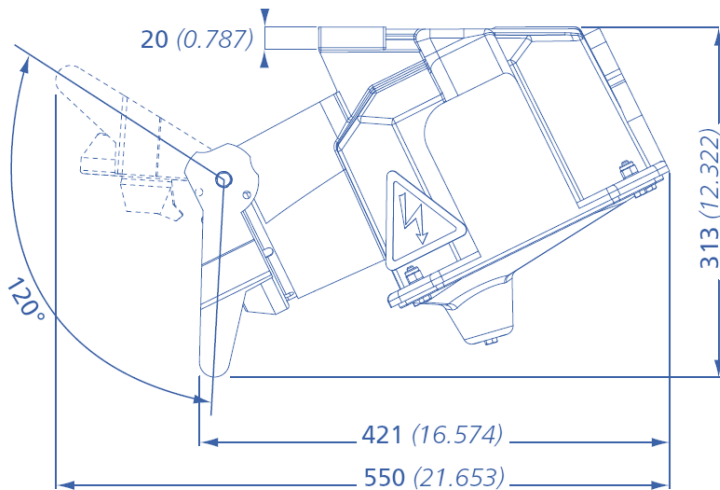
Left Locking system device
Système de verrouillage à gauche



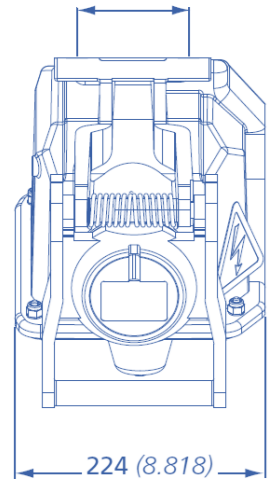
Right Locking system device
Système de verrouillage à droite



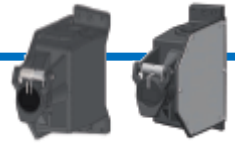
Dimensions / *Encombrements*



Entraxe 100 (3.936)
Trou Ø20 (0.787)



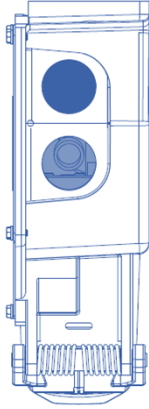
Please contact us for part number definition



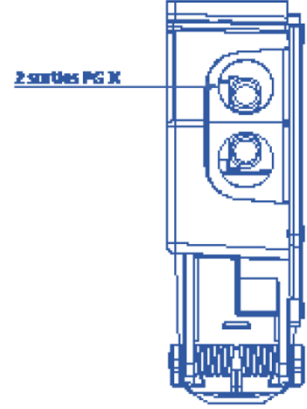
Junction box

Outlets Types / Sorties de câble

1 outlet / sortie

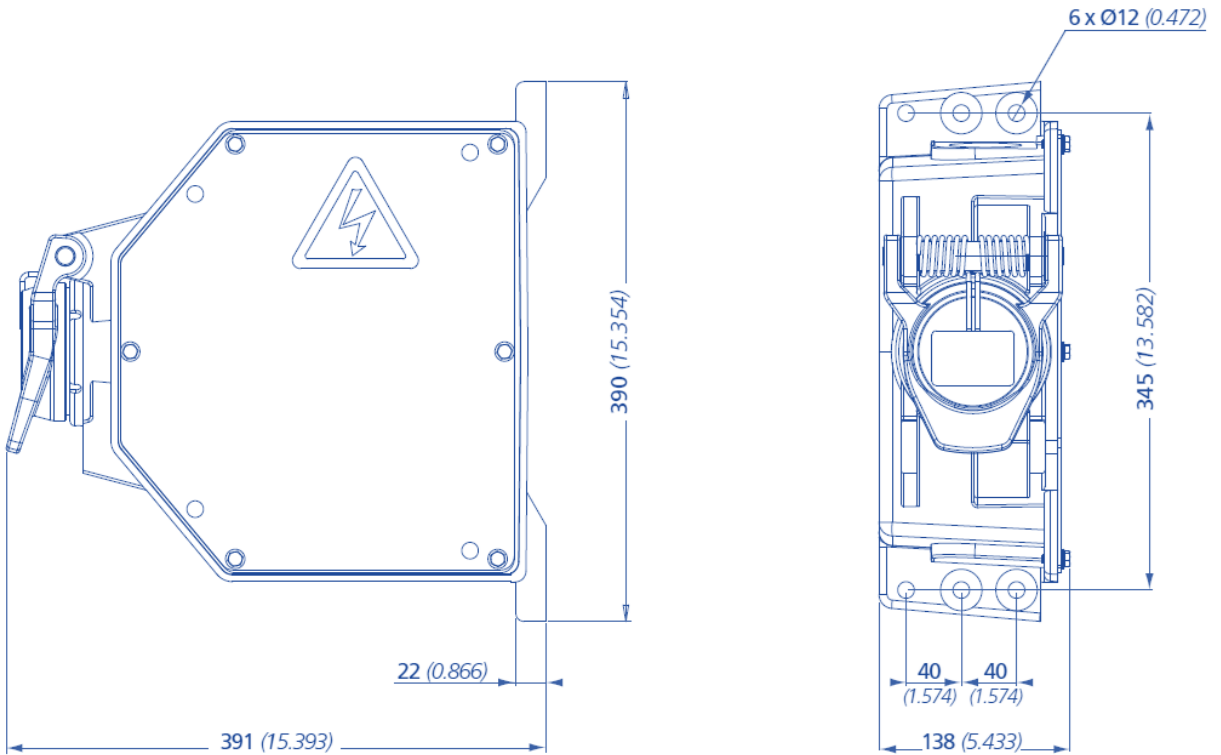


1 or 2 outlets
1 ou 2 sorties au choix



Dimensions / Encombrements - mm (inch)

Côte max. avec couvercle ouvert : 495 mm



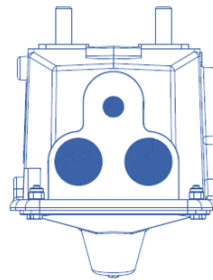
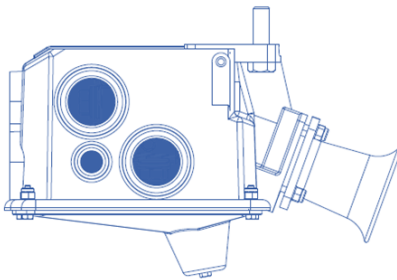
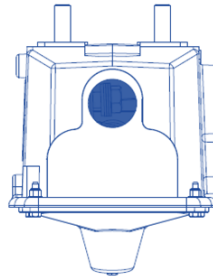
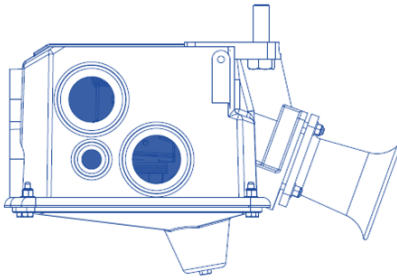
+ vue avec serrure

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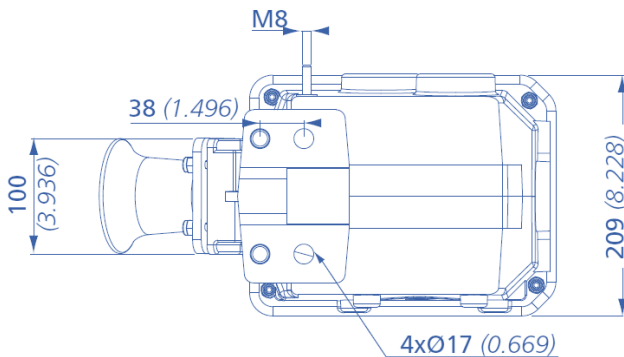
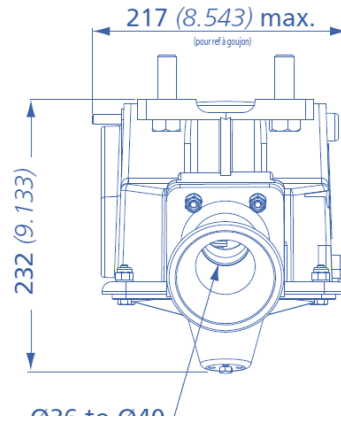
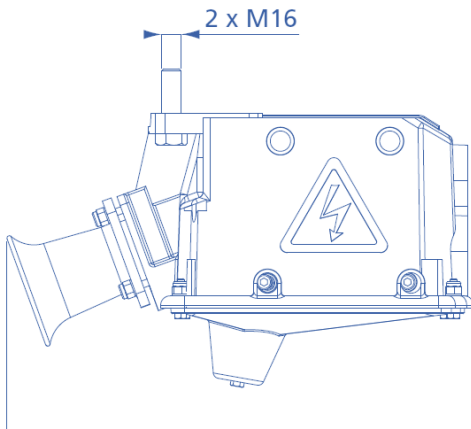


Distribution box

Outlet Types / Types de sortie de câble



Dimensions / Encombremments

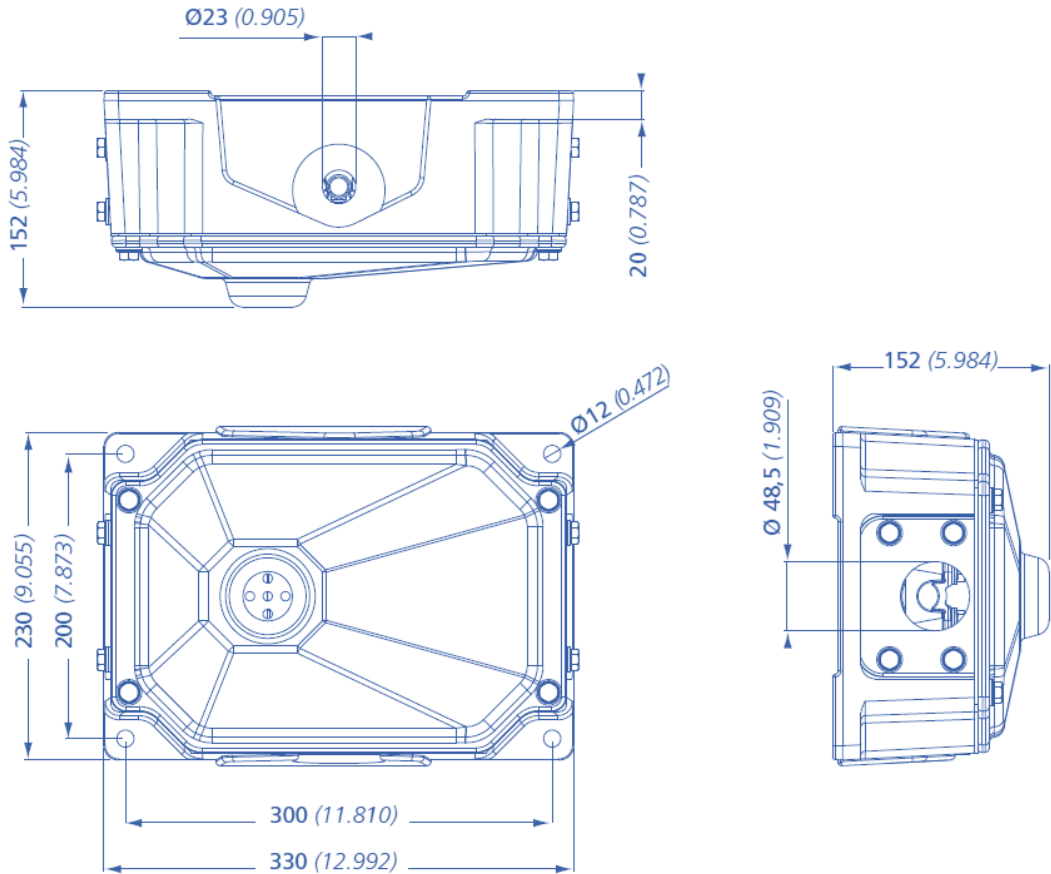


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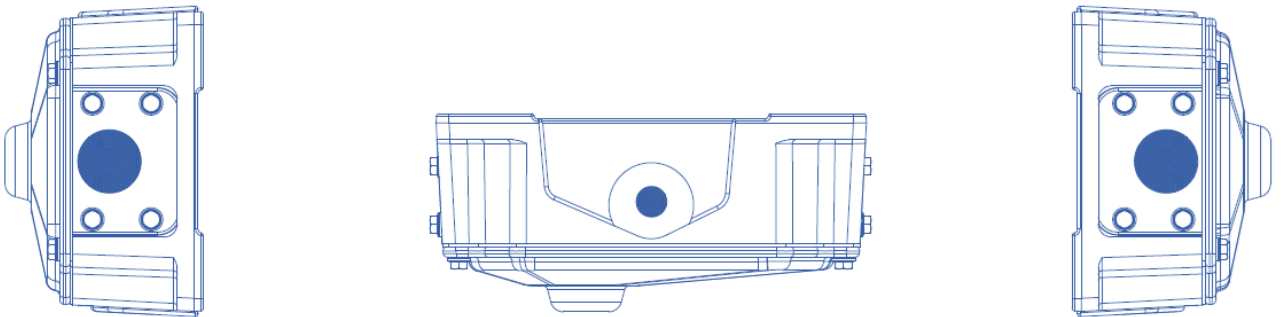


Distribution box

■ Dimensions / Encombrements



■ Outlets / Sorties



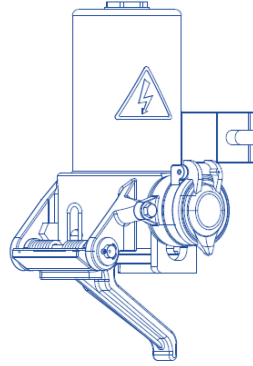
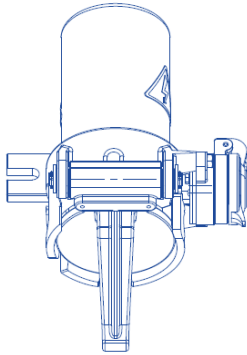
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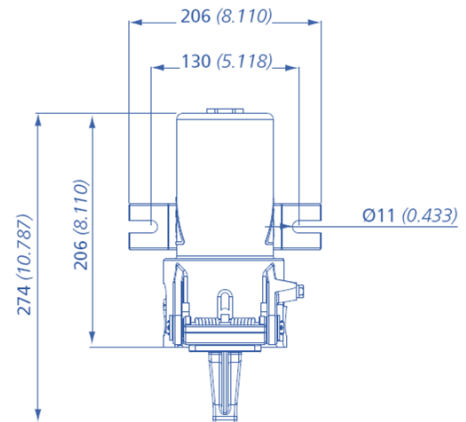
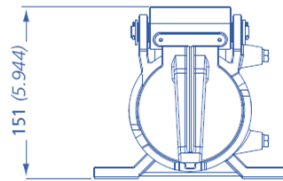
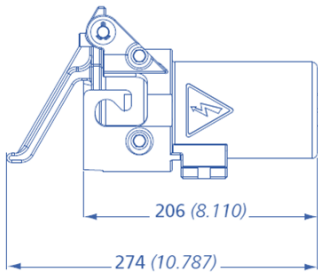
Dummy receptacle

■ Dimensions / Encombrements

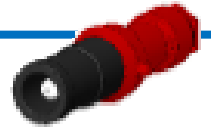
Left Locking system device
Système de verrouillage à gauche



■ Dimensions / Encombrements

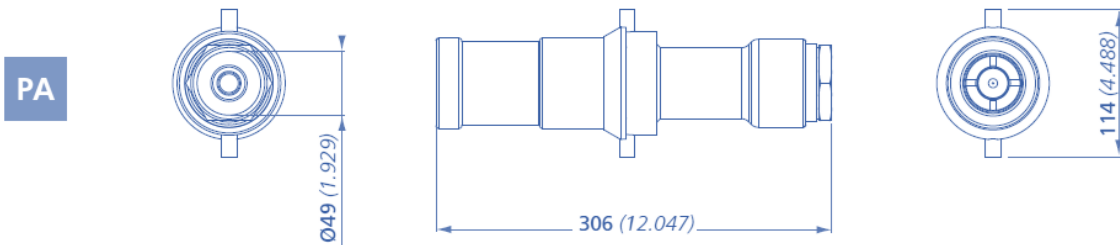


Please contact us for part number definition






Plug

■ Dimensions / Encombrements



Please contact us for part number definition

■ Crimping Tools / Outils de sertissage

Hydraulic Pliers / Pince hydraulique 20 Tonnes	
Pliers / Pince	Die / Matrice
 PA133K OUT0405-0367AS	TN185V20 OUT0405-0397AS
 F 4622 K OUT0405-0360AS	
 SU 210K OUT0405-0443AS	





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