



Form A - EN 175301-803 (DIN43650) / ISO 4400

Product description			
Standard		EN175301-803-A	
Construction type		A	
Description		P18 connector with moulded cable protective circuit (diode)	
	Integrated gasket (TPU) and central fixing screw, (PE) earth in H6 and H12 position (bridged)		
Number of contacts		2 + PE / PE bridged	
Cable type		H05VV-F VDE 0281-5 PVC	
Conductors specification		3 G 0,75 mm ² PVC	
Cable length		3 m	
Order no.		MA134D10PA05300	
Other standard options	cable length 5m	order no. MA134D10PA05500	
Cable jacket colour		black	
Conductor colours		brown - blue - yellow/green	
Cable diameter +/-5%		6,7 mm	
Cable temperature range	static application	-15°C to + 70°C	
	flexible application		
Drawing			
Technical data			
Pin dimension		6,3 x 0,8mm; 4,8 x 0,8mm	
Voltage		0-250 V DC	
Rated current max.		4 A	
Suppressor		diode 1A 1000V	
LED colour			
Contact resistance		15mΩ max.	
Overvoltage category		III	
Mounting		central screw M3 x 25mm	
Fixing screw torque		0,3 - 0,5 N/m	
Material			
Contact holder material		PA6 GF	
Overmoulding material		TPU	
Environmental conditions			
Protection class (EN 60529)		IP65 , IP67 , [IP69K DIN40050-9]	
Pollution severity (EN 60664-1)		3	
Inflammability class			
Contact holder		V0	
Moulded housing		HB	
Packaging			
Minimum quantity		100 pieces	
Number of boxes suitable:	2 boxes	MA134D10PA05300	
	4 boxes	MA134D10PA05500	
Approximate weight per box		13...15 Kg	
Box dimension		39 x 39 x 19,5 cm	
Other cable options on request			
type (part number)		(A013) (C033; C053)	
Technical specifications on cables and accessories see pages 171-175			

Valve Connectors MA1 series

MOULDED IN CABLE



EN175301-803-A	EN175301-803-A	EN175301-803-A	
A	A	A	
P18 connector with moulded cable circuit full bridge rectifier VDR suppressor (varistor)	P18 connector with moulded cable circuit full bridge rectifier VDR suppressor (varistor)	P18 connector with moulded cable circuit full bridge rectifier VDR suppressor (varistor)	
2 + PE / PE bridged	2 + PE / PE bridged	2 + PE / PE bridged	
H05VV-F VDE 0281-5 PVC	H05VV-F VDE 0281-5 PVC	H05VV-F VDE 0281-5 PVC	
3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC	
3 m	3 m	3 m	
MA134RA1PA05300	MA134RA2PA05300	MA134RA3PA05300	
order no. MA134RA1PA05500	order no. MA134RA2PA05500	order no. MA134RA3PA05500	
black	black	black	
brown - blue - yellow/green	brown - blue - yellow/green	brown - blue - yellow/green	
6,7 mm	6,7 mm	6,7 mm	
-15°C to + 70°C	-15°C to + 70°C	-15°C to + 70°C	
6,3 x 0,8mm; 4,8 x 0,8mm	6,3 x 0,8mm; 4,8 x 0,8mm	6,3 x 0,8mm; 4,8 x 0,8mm	
Input 24 VAC ; Output 20 VDC	Input 115 VAC ; Output 103 VDC	Input 230 VAC ; Output 207 VDC	
2 A	2 A	2 A	
VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule	VDR 275 Vrms 8,6 Joule	
15mΩ max.	15mΩ max.	15mΩ max.	
III	III	III	
central screw M3 x 25mm	central screw M3 x 25mm	central screw M3 x 25mm	
0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m	
PA6 GF	PA6 GF	PA6 GF	
TPU	TPU	TPU	
IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]	
3	3	3	
V0	V0	V0	
HB	HB	HB	
100 pieces	100 pieces	100 pieces	
MA134RA1PA05300	MA134RA2PA05300	MA134RA3PA05300	
MA134RA1PA05500	MA134RA2PA05500	MA134RA3PA05500	
13...15 Kg	13...15 Kg	13...15 Kg	
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	
(A013) (C033; C053)	(A013) (C033; C053)	(A013) (C033; C053)	

Form A - EN 175301-803 (DIN43650) / ISO 4400



Form A - EN 175301-803 (DIN43650) / ISO 4400

Product description		EN175301-803-A	EN175301-803-A
Standard		A	A
Construction type		A	A
Description	Integrated gasket (TPU) and central fixing screw, (PE) earth in H6 and H12 position (bridged)	P18 connector with moulded cable protective circuit (diode) function indicator (LED)	P18 connector with moulded cable TVS protective circuit (transil) function indicator (LED)
Number of contacts		2 + PE / PE bridged	2 + PE / PE bridged
Cable type		H05VV-F VDE 0281-5 PVC	H05VV-F VDE 0281-5 PVC
Conductors specification		3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC
Cable length		3 m	3 m
Order no.		MA634D54PA05300	MA634T54PA05300
Other standard options	cable length 5m,	order no. MA634D54PA05500	order no. MA634T54PA05500
Cable jacket colour		black	black
Conductor colours		brown - blue - yellow/green	brown - blue - yellow/green
Cable diameter +/-5%		6,7 mm	6,7 mm
Cable temperature range	static application flexible application	-15°C to + 70°C	-15°C to + 70°C
Drawing			
Technical data			
Pin dimension		6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm
Voltage		24 V DC	24 V AC/DC
Rated current max.		4 A	4 A
Suppressor		diode 1A 1000V	TVS Vbr max.=37,8V Peak =400W
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	III
Mounting		central screw M3 x 28,5mm	central screw M3 x 28,5mm
Fixing screw torque		0,3 - 0,5 N/m	0,3 - 0,5 N/m
Material			
Contact holder material		PA6 GF	PA6 GF
Overmoulding material		TPU	TPU
Environmental conditions			
Protection class (EN 60529)		IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
Pollution severity (EN 60664-1)		3	3
Inflammability class			
Contact holder		V0	V0
Moulded housing		HB	HB
Packaging			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes	MA634D54PA05300	MA634T54PA05300
	4 boxes	MA634D54PA05500	MA634T54PA05500
Approximate weight per box		13...15 Kg	13...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
Other cable options on request			
type (part number)		(A013) (C033; C053)	(A013) (C033; C053)
Technical specifications on cables and accessories see pages 171-175			

Valve Connectors MA6 series

MOULDED IN CABLE



EN175301-803-A	EN175301-803-A	EN175301-803-A	EN175301-803-A
A	A	A	A
P18 connector with moulded cable protective circuit (diode) function indicator (LED)	P18 connector with moulded cable TVS protective circuit (transil) function indicator (LED)	P18 connector with moulded cable protective circuit (diode) function indicator (LED)	P18 connector with moulded cable TVS protective circuit (transil) function indicator (LED)
2 + PE / PE bridged	2 + PE / PE bridged	2 + PE / PE bridged	2 + PE / PE bridged
PVC flame (IEC60332-1) and oil resistance	PVC flame (IEC60332-1) and oil resistance	PUR / PVC	PUR / PVC
3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC
3 m	3 m	3 m	3 m
MA634D54PG05300	MA634T54PG05300	MA634D54PP12300	MA634T54PP12300
order no. MA634D54PG05500	order no. MA634T54PG05500	order no. MA634D54PP12500	order no. MA634T54PP12500
grey RAL 7001	grey RAL 7001	black	black
black1 - black2 - yellow/green	black1 - black2 - yellow/green	brown - blue - yellow/green	brown - blue - yellow/green
6,2 mm	6,2 mm	6,7 mm	6,7 mm
-30°C to + 70°C	-30°C to + 70°C	-40°C to + 80°C	-40°C to + 80°C
+ 5°C to + 70°C	+ 5°C to + 70°C	-25°C to + 80°C	-25°C to + 80°C
6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm
24 V DC	24 V AC/DC	24 V DC	24 V AC/DC
4 A	4 A	4 A	4 A
diode 1A 1000V	TVS Vbr max.=37,8V Peak =400W	diode 1A 1000V	TVS Vbr max.=37,8V Peak =400W
yellow	yellow	yellow	yellow
15mΩ max.	15mΩ max.	15mΩ max.	15mΩ max.
III	III	III	III
central screw M3 x 28,5mm	central screw M3 x 28,5mm	central screw M3 x 28,5mm	central screw M3 x 28,5mm
0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m
PA6 GF	PA6 GF	PA6 GF	PA6 GF
TPU	TPU	TPU	TPU
IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
3	3	3	3
V0	V0	V0	V0
HB	HB	HB	HB
100 pieces	100 pieces	100 pieces	100 pieces
MA634D54PG05300	MA634T54PG05300	MA634D54PP12300	MA634T54PP12300
MA634D54PG05500	MA634T54PG05500	MA634D54PP12500	MA634T54PP12500
13...15 Kg	13...15 Kg	13...15 Kg	13...15 Kg
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
		(P113)	(P113)

Form A - EN 175301-803 (DIN43650) / ISO 4400



Form A - EN 175301-803 (DIN43650) / ISO 4400

Product description		EN175301-803-A	EN175301-803-A
Standard		A	A
Construction type		A	A
Description	Integrated gasket (TPU) and central fixing screw (PE) earth in H6 and H12 position (bridged)	P18 connector with moulded cable function indicator (LED) protective circuit (varistor)	P18 connector with moulded cable function indicator (LED) protective circuit (varistor)
Number of contacts		2 + PE / PE bridged	2 + PE / PE bridged
Cable type		H05VV-F VDE 0281-5 PVC	H05VV-F VDE 0281-5 PVC
Conductors specification		3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC
Cable length		3 m	3 m
Order no.		MA634V54PA05300	MA634V55PA05300
Other standard options	cable length 5m,	order no. MA634V54PA05500	order no. MA634V55PA05500
Cable jacket colour		black	black
Conductor colours		brown - blue - yellow/green	brown - blue - yellow/green
Cable diameter +/-5%		6,7 mm	6,7 mm
Cable temperature range	static application flexible application	-15°C to + 70°C	-15°C to + 70°C
Drawing			
Technical data			
Pin dimension		6,3 x 0,8mm; 4,8 x 0,8mm	6,3 x 0,8mm; 4,8 x 0,8mm
Voltage		24 V AC/DC	115 V AC/DC
Rated current max.		5 A	5 A
Suppressor		VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	III
Mounting		central screw M3 x 28,5mm	central screw M3 x 28,5mm
Fixing screw torque		0,3 - 0,5 N/m	0,3 - 0,5 N/m
Material			
Contact holder material		PA6 GF	PA6 GF
Overmoulding material		TPU	TPU
Environmental conditions			
Protection class (EN 60529)		IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
Pollution severity (EN 60664-1)		3	3
Inflammability class			
Contact holder		V0	V0
Moulded housing		HB	HB
Packaging			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable :	2 boxes	MA634V54PA05300	MA634V55PA05300
	4 boxes	MA634V54PA05500	MA634V55PA05500
Approximate weight per box		13...15 Kg	13...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
Other cable options on request			
type (part number)		(A013) (C033; C053)	(A013) (C033; C053)
Technical specifications on cables and accessories see pages 171-175			

Valve Connectors MA6 series

MOULDED IN CABLE



EN175301-803-A	EN175301-803-A	EN175301-803-A	EN175301-803-A
A	A	A	A
P18 connector with moulded cable function indicator (LED) protective circuit (varistor)	P18 connector with moulded cable function indicator (LED) protective circuit (varistor)	P18 connector with moulded cable function indicator (LED) protective circuit (varistor)	P18 connector with moulded cable function indicator (LED) protective circuit (varistor)
2 + PE / PE bridged	2 + PE / PE bridged	2 + PE / PE bridged	2 + PE / PE bridged
H05VV-F VDE 0281-5 PVC	PVC flame (IEC60332-1) and oil resistance	PVC flame (IEC60332-1) and oil resistance	PVC flame (IEC60332-1) and oil resistance
3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC
3 m	3 m	3 m	3 m
MA634V56PA05300	MA634V54PG05300	MA634V55PG05300	MA634V56PG05300
order no. MA634V56PA05500	order no. MA634V54PG05500	order no. MA634V55PG05500	order no. MA634V56PG05500
black	grey RAL 7001	grey RAL 7001	grey RAL 7001
brown - blue - yellow/green	black1 - black2 - yellow/green	black1 - black2 - yellow/green	black1 - black2 - yellow/green
6,7 mm	6,2 mm	6,2 mm	6,2 mm
-15°C to + 70°C	-30°C to + 70°C + 5°C to + 70°C	-30°C to + 70°C + 5°C to + 70°C	-30°C to + 70°C + 5°C to + 70°C
6,3 x 0,8mm; 4,8 x 0,8mm	6,3 x 0,8mm; 4,8 x 0,8mm	6,3 x 0,8mm; 4,8 x 0,8mm	6,3 x 0,8mm; 4,8 x 0,8mm
230 V AC/DC	24 V AC/DC	115 V AC/DC	230 V AC/DC
5 A	5 A	5 A	5 A
VDR 275 Vrms 8,6 Joule	VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule	VDR 275 Vrms 8,6 Joule
yellow	yellow	yellow	yellow
15mΩ max.	15mΩ max.	15mΩ max.	15mΩ max.
III	III	III	III
central screw M3 x 28,5mm	central screw M3 x 28,5mm	central screw M3 x 28,5mm	central screw M3 x 28,5mm
0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m
PA6 GF	PA6 GF	PA6 GF	PA6 GF
TPU	TPU	TPU	TPU
IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
3	3	3	3
V0	V0	V0	V0
HB	HB	HB	HB
100 pieces	100 pieces	100 pieces	100 pieces
MA634V56PA05300	MA634V54PG05300	MA634V55PG05300	MA634V56PG05300
MA634V56PA05500	MA634V54PG05500	MA634V55PG05500	MA634V56PG05500
13...15 Kg	13...15 Kg	13...15 Kg	13...15 Kg
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
(A013) (C033; C053)			

Form A - EN 175301-803 (DIN43650) / ISO 4400



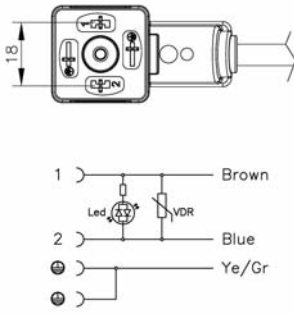
Form A - EN 175301-803 (DIN43650) / ISO 4400

Product description			
Standard		EN175301-803-A	EN175301-803-A
Construction type		A	A
Description	Integrated gasket (TPU) and central fixing screw (PE) earth in H6 and H12 position (bridged)	P18 connector with moulded cable function indicator (LED) protective circuit (varistor)	P18 connector with moulded cable function indicator (LED) protective circuit (varistor)
Number of contacts		2 + PE / PE bridged	2 + PE / PE bridged
Cable type		PUR / PVC	PUR / PVC
Conductors specification		3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC
Cable length		3 m	3 m
Order no.		MA634V54PP12300	MA634V55PP12300
Other standard options	cable length 5m,	order no. MA634V54PP12500	order no. MA634V55PP12500
Cable jacket colour		black	black
Conductor colours		brown - blue - yellow/green	brown - blue - yellow/green
Cable diameter +/-5%		6,7 mm	6,7 mm
Cable temperature range	static application	-40°C to + 80°C	-40°C to + 80°C
	flexible application	-25°C to + 80°C	-25°C to + 80°C
Drawing			
Technical data			
Pin dimension		6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm
Voltage		24 V AC/DC	115 V AC/DC
Rated current max.		5 A	5 A
Suppressor		VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	III
Mounting		central screw M3 x 28,5mm	central screw M3 x 28,5mm
Fixing screw torque		0,3 - 0,5 N/m	0,3 - 0,5 N/m
Material			
Contact holder material		PA6 GF	PA6 GF
Overmoulding material		TPU	TPU
Environmental conditions			
Protection class (EN 60529)		IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
Pollution severity (EN 60664-1)		3	3
Inflammability class			
Contact holder		V0	V0
Moulded housing		HB	HB
Packaging			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes	MA634V54PP12300	MA634V55PP12300
	4 boxes	MA634V54PP12500	MA634V55PP12500
Approximate weight per box		13...15 Kg	13...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
Other cable options on request			
type (part number)		(P113)	(P113)
Technical specifications on cables and accessories see pages 171-175			

Valve Connectors **MA6** series

MOULDED IN CABLE



EN175301-803-A			
A			
P18 connector with moulded cable			
function indicator (LED)			
protective circuit (varistor)			
2 + PE / PE bridged			
PUR / PVC			
3 G 0,75 mm ² PVC			
3 m			
MA634V56PP12300			
order no. MA634V56PP12500			
black			
brown - blue - yellow/green			
6,7 mm			
-40°C to + 80°C			
-25°C to + 80°C			
			
6,3 x 0,8mm ; 4,8 x 0,8mm			
230 V AC/DC			
5 A			
VDR 275 Vrms 8,6 Joule			
yellow			
15mΩ max.			
III			
central screw M3 x 28,5mm			
0,3 - 0,5 N/m			
PA6 GF			
TPU			
IP65 , IP67 , [IP69K DIN40050-9]			
3			
V0			
HB			
100 pieces			
MA634V56PP12300			
MA634V56PP12500			
13...15 Kg			
39 x 39 x 19,5 cm			
(P113)			

Form A - EN 175301-803 (DIN43650) / ISO 4400



Form A - EN 175301-803 (DIN43650) / ISO 4400

Product description		EN175301-803-A	EN175301-803-A
Standard		A	A
Construction type		A	A
Description	Integrated gasket (TPU) and central fixing screw	P18 connector with moulded cable (PE) earth in H12 position function indicator bi-color LED for pressure switch device	P18 connector with moulded cable (PE) earth in H6 position function indicator bi-color LED for pressure switch device
Number of contacts		3 + PE	3 + PE
Cable type		CEI 2022 II O.R. PVC	CEI 2022 II O.R. PVC
Conductors specification		5 G 0,75 mm ² PVC	5 G 0,75 mm ² PVC
Cable length		3 m	3 m
Order no.		MA635P3YPC04300	MA636P3YPC04300
Other standard options	cable length 5m	order no. MA635P3YPC04500	order no. MA636P3YPC04500
Cable jacket colour		grey RAL7035	grey RAL7035
Conductor colours		brown - blue - black - grey yellow/green	brown - blue - black - grey yellow/green
Cable diameter +/-5%		6,8 mm	6,8 mm
Cable temperature range	static application flexible application	-15°C to + 70°C	-15°C to + 70°C
Drawing			
Technical data			
Pin dimension		6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm
Voltage		24 V AC/DC	24 V AC/DC
Rated current max.		5 A	5 A
Suppressor			
LED colour		yellow (pin 2) green (pin 3)	yellow (pin 2) green (pin 3)
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	III
Mounting		central screw M3 x 28,5mm	central screw M3 x 28,5mm
Fixing screw torque		0,3 - 0,5 N/m	0,3 - 0,5 N/m
Material			
Contact holder material		PA6 GF	PA6 GF
Overmoulding material		TPU	TPU
Environmental conditions			
Protection class (EN 60529)		IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
Pollution severity (EN 60664-1)		3	3
Inflammability class			
Contact holder		V0	V0
Moulded housing		HB	HB
Packaging			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes	MA635P3YPC04300	MA636P3YPC04300
	4 boxes	MA635P3YPC04500	MA636P3YPC04500
Approximate weight per box		13...15 Kg	13...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
Other cable options on request			
type (part number)			
Technical specifications on cables and accessories see pages 171-175			

Valve Connectors MA6 series

MOULDED IN CABLE



EN175301-803-A	EN175301-803-A	EN175301-803-A	
A	A	A	
P18 connector with moulded cable (PE) earth in H12 position function indicator bi-color LED for pressure switch device	P18 connector with moulded cable (PE) earth in H6 position function indicator bi-color LED for pressure switch device	P18 connector with moulded cable (PE) earth in H6 and H12 position (bridged) function indicator (LED) and mosfet circuit (solid state relay)	
3 + PE	3 + PE	2 + PE / PE bridged	
PVC flame (IEC60332-1) and oil resistance	PVC flame (IEC60332-1) and oil resistance	PVC flame (IEC60332-1) and oil resistance	
5 G 0,75 mm ² PVC	5 G 0,75 mm ² PVC	4 G 0,75 mm ² PVC	
3 m	3 m	3 m	
MA635P3YPG05300	MA636P3YPG05300	MA644A54PG05300	
order no. MA635P3YPG05500	order no. MA636P3YPG05500	order no. MA644A54PG05500	
grey RAL7001	grey RAL7001	grey RAL7001	
black1 - black2 - black3 - black4	black1 - black2 - black3 - black4	black1 - black2 - black3	
yellow/green	yellow/green	yellow/green	
7,3 mm	7,3 mm	6,7 mm	
-30°C to + 70°C	-30°C to + 70°C	-30°C to + 70°C	
+ 5°C to + 70°C	+ 5°C to + 70°C	+ 5°C to + 70°C	
6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	
24 V AC/DC	24 V AC/DC	24 V DC	
5 A	5 A	2 A	
yellow (pin 2) green (pin 3)	yellow (pin 2) green (pin 3)	yellow	
15mΩ max.	15mΩ max.	15mΩ max.	
III	III	III	
central screw M3 x 28,5mm	central screw M3 x 28,5mm	central screw M3 x 28,5mm	
0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m	
PA6 GF	PA6 GF	PA6 GF	
TPU	TPU	TPU	
IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]	
3	3	3	
V0	V0	V0	
HB	HB	HB	
100 pieces	100 pieces	100 pieces	
MA635P3YPG05300	MA636P3YPG05300	MA644A54PG05300	
MA635P3YPG05500	MA636P3YPG05500	MA644A54PG05600	
13...15 Kg	13...15 Kg	13...15 Kg	
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	

Form A - EN 175301-803 (DIN43650) / ISO 4400



Form A - EN 175301-803 (DIN43650) / ISO 4400

Product description		EN175301-803-A	EN175301-803-A
Standard		EN175301-803-A	EN175301-803-A
Construction type		A	A
Description	Integrated gasket (TPU) and central fixing screw (PE) earth in H6 and H12 position (bridged)	P18 connector with moulded cable circuit full bridge rectifier with LED indicator and VDR suppressor (varistor)	P18 connector with moulded cable circuit full bridge rectifier with LED indicator and VDR suppressor (varistor)
Number of contacts		2 + PE / PE bridged	2 + PE / PE bridged
Cable type		H05VV-F VDE 0281-5 PVC	H05VV-F VDE 0281-5 PVC
Conductors specification		3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC
Cable length		3 m	3 m
Order no.		MA634RB4PA05300	MA634RB5PA05300
Other standard options	cable length 5m,	order no. MA634RB4PA05500	order no. MA634RB5PA05500
Cable jacket colour		black	black
Conductor colours		brown - blue - yellow/green	brown - blue - yellow/green
Cable diameter +/-5%		6,7 mm	6,7 mm
Cable temperature range	static application flexible application	-15°C to + 70°C	-15°C to + 70°C
Drawing			
Technical data			
Pin dimension		6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm
Voltage		Input 24 VAC ; Output 20 VDC	Input 115 VAC ; Output 103 VDC
Rated current max.		2 A	2 A
Suppressor		VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	III
Mounting		central screw M3 x 28,5mm	central screw M3 x 28,5mm
Fixing screw torque		0,3 - 0,5 N/m	0,3 - 0,5 N/m
Material			
Contact holder material		PA6 GF	PA6 GF
Overmoulding material		TPU	TPU
Environmental conditions			
Protection class (EN 60529)		IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
Pollution severity (EN 60664-1)		3	3
Inflammability class			
Contact holder		V0	V0
Moulded housing		HB	HB
Packaging			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable :	2 boxes	MA634RB4PA05300	MA634RB5PA05300
	4 boxes	MA634RB4PA05500	MA634RB5PA05500
Approximate weight per box		13...15 Kg	13...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
Other cable options on request			
type (part number)		(A013) (C033; C053) (P113) (P123)	(A013) (C033; C053) (P113) (P123)
Technical specifications on cables and accessories see pages 171-175			

Valve Connectors MA6 series

MOULDED IN CABLE



EN175301-803-A	EN175301-803-A	EN175301-803-A	EN175301-803-A
A	A	A	A
P18 connector with moulded cable circuit full bridge rectifier with LED indicator and VDR suppressor (varistor)	P18 connector with moulded cable circuit full bridge rectifier with LED indicator and VDR suppressor (varistor)	P18 connector with moulded cable circuit full bridge rectifier with LED indicator and VDR suppressor (varistor)	P18 connector with moulded cable circuit full bridge rectifier with LED indicator and VDR suppressor (varistor)
2 + PE / PE bridged	2 + PE / PE bridged	2 + PE / PE bridged	2 + PE / PE bridged
H05VV-F VDE 0281-5 PVC	PVC flame (IEC60332-1) and oil resistance	PVC flame (IEC60332-1) and oil resistance	PVC flame (IEC60332-1) and oil resistance
3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC
3 m	3 m	3 m	3 m
MA634RB6PA05300	MA634RB4PG05300	MA634RB5PG05300	MA634RB6PG05300
order no. MA634RB6PA05500	order no. MA634RB4PG05500	order no. MA634RB5PG05500	order no. MA634RB6PG05500
black	grey RAL 7001	grey RAL 7001	grey RAL 7001
brown - blue - yellow/green	black1 - black2 - yellow/green	black1 - black2 - yellow/green	black1 - black2 - yellow/green
6,7 mm	6,2 mm	6,2 mm	6,2 mm
-15°C to + 70°C	-30°C to + 70°C	-30°C to + 70°C	-30°C to + 70°C
	+ 5°C to + 70°C	+ 5°C to + 70°C	+ 5°C to + 70°C
6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm
Input 230 VAC ; Output 207 VDC	Input 24 VAC ; Output 20 VDC	Input 115 VAC ; Output 103 VDC	Input 230 VAC ; Output 207 VDC
2 A	2 A	2 A	2 A
VDR 275 Vrms 8,6 Joule	VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule	VDR 275 Vrms 8,6 Joule
yellow	yellow	yellow	yellow
15mΩ max.	15mΩ max.	15mΩ max.	15mΩ max.
III	III	III	III
central screw M3 x 28,5mm	central screw M3 x 28,5mm	central screw M3 x 28,5mm	central screw M3 x 28,5mm
0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m
PA6 GF	PA6 GF	PA6 GF	PA6 GF
TPU	TPU	TPU	TPU
IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
3	3	3	3
VO	VO	VO	VO
HB	HB	HB	HB
100 pieces	100 pieces	100 pieces	100 pieces
MA634RB6PA05300	MA634RB4PG05300	MA634RB5PG05300	MA634RB6PG05300
MA634RB6PA05500	MA634RB4PG05500	MA634RB5PG05500	MA634RB6PG05500
13...15 Kg	13...15 Kg	13...15 Kg	13...15 Kg
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
(A013) (C033; C053)	(G033)	(G033)	(G033)
(P113) (P123)			

Form A - EN 175301-803 (DIN43650) / ISO 4400



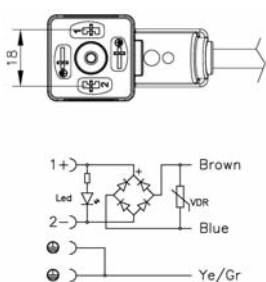
Form A - EN 175301-803 (DIN43650) / ISO 4400

Product description		EN175301-803-A	EN175301-803-A
Standard		A	A
Construction type		A	A
Description	Integrated gasket (TPU) and central fixing screw (PE) earth in H6 and H12 position (bridged)	P18 connector with moulded cable circuit full bridge rectifier with LED indicator and VDR suppressor (varistor)	P18 connector with moulded cable circuit full bridge rectifier with LED indicator and VDR suppressor (varistor)
Number of contacts		2 + PE / PE bridged	2 + PE / PE bridged
Cable type		PUR / PVC	PUR / PVC
Conductors specification		3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC
Cable length		3 m	3 m
Order no.		MA634RB4PP12300	MA634RB5PP12300
Other standard options	cable length 5m,	order no. MA634RB4PP12500	order no. MA634RB5PP12500
Cable jacket colour		black	black
Conductor colours		brown - blue - yellow/green	brown - blue - yellow/green
Cable diameter +/-5%		6,7 mm	6,7 mm
Cable temperature range	static application	-40°C to + 80°C	-40°C to + 80°C
	flexible application	-25°C to + 80°C	-25°C to + 80°C
Drawing			
Technical data			
Pin dimension		6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm
Voltage		Input 24 VAC ; Output 20 VDC	Input 115 VAC ; Output 103 VDC
Rated current max.		2 A	2 A
Suppressor		VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	III
Mounting		central screw M3 x 28,5mm	central screw M3 x 28,5mm
Fixing screw torque		0,3 - 0,5 N/m	0,3 - 0,5 N/m
Material			
Contact holder material		PA6 GF	PA6 GF
Overmoulding material		TPU	TPU
Environmental conditions			
Protection class (EN 60529)		IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
Pollution severity (EN 60664-1)		3	3
Inflammability class			
Contact holder		V0	V0
Moulded housing		HB	HB
Packaging			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable :	2 boxes	MA634RB4PP12300	MA634RB5PP12300
	4 boxes	MA634RB4PP12500	MA634RB5PP12500
Approximate weight per box		13...15 Kg	13...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
Other cable options on request			
type (part number)		(P113)	(P113)
Technical specifications on cables and accessories see pages 171-175			

Valve Connectors **MA6** series

MOULDED IN CABLE



EN175301-803-A			
A			
P18 connector with moulded cable circuit full bridge rectifier with LED indicator and VDR suppressor (varistor)			
2 + PE / PE bridged			
PUR / PVC			
3 G 0,75 mm ² PVC			
3 m			
MA634RB6PP12300			
order no. MA634RB6PP12500			
black			
brown - blue - yellow/green			
6,7 mm			
-40°C to + 80°C			
-25°C to + 80°C			
			
6,3 x 0,8mm ; 4,8 x 0,8mm			
Input 230 VAC ; Output 207 VDC			
2 A			
VDR 275 Vrms 8,6 Joule			
yellow			
15mΩ max.			
III			
central screw M3 x 28,5mm			
0,3 - 0,5 N/m			
PA6 GF			
TPU			
IP65 , IP67 , [IP69K DIN40050-9]			
3			
V0			
HB			
100 pieces			
MA634RB6PP12300			
MA634RB6PP12500			
13...15 Kg			
39 x 39 x 19,5 cm			
(P113)			

Form A - EN 175301-803 (DIN43650) / ISO 4400



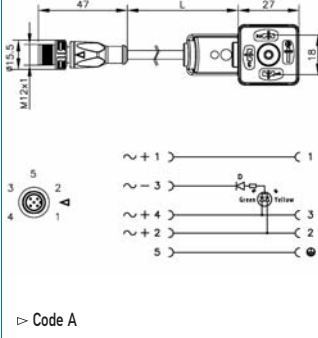
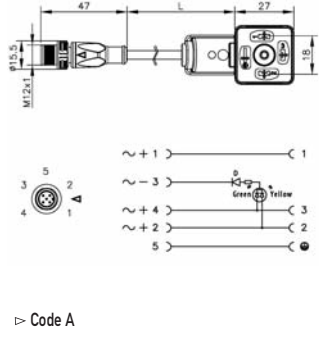
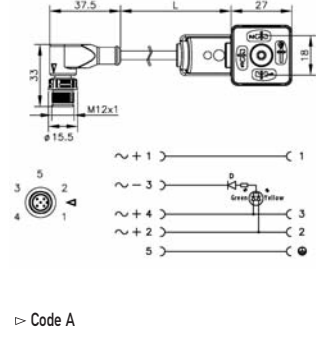
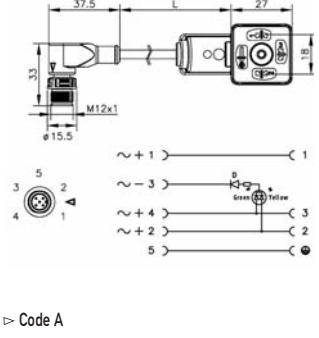
Form A - EN 175301-803 (DIN43650) / ISO 4400 + M12

Product description			
Standard		IEC 61076-2-101 ; EN175301-803	IEC 61076-2-101 ; EN175301-803
Construction type		A	A
Description	M12 male and P18 valve connector with moulded cable integrated gasket and central fixing screw	(PE) earth in H6 and H12 position (bridged) function indicator (LED) TVS protective circuit (transil)	(PE) earth in H6 and H12 position (bridged) function indicator (LED) TVS protective circuit (transil)
Housing colour		black	black
Number of contacts		2 + PE / PE bridged	2 + PE / PE bridged
Cable type		PUR/PVC	PUR/PVC
Conductors specification		0,50 mm ²	0,50 mm ²
Cable length		1 m	1 m
Order no.		JA634T54DP11100	JA634T54KP11100
Other standard options	cable length 2m,	order no. JA634T54DP11200	order no. JA634T54KP11200
Cable jacket colour		black	black
Cable diameter +/-5%		5,5 mm	5,5 mm
Temperature range	static application	-40°C to + 80°C	-40°C to + 80°C
	flexible application	-25°C to + 80°C	-25°C to + 80°C
Drawing		<p>▷ Code A</p>	<p>▷ Code A</p>
Technical data			
Pin dimension	M12 ; valve connector	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm
Voltage		24 V AC/DC	24 V AC/DC
Rated current max.		4 A	4 A
Suppressor		TVS Vbr max.=37,8V Peak =400W	TVS Vbr max.=37,8V Peak =400W
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	III
Mounting	M12 ; valve connector	lock nut M12x1; central screw M3x28,5mm	lock nut M12x1; central screw M3x28,5mm
Fixing screw torque	M12 ; valve connector	0,5 - 0,8 N/m ; 0,3 - 0,5 N/m	0,5 - 0,8 N/m ; 0,3 - 0,5 N/m
Material			
Contact material	M12 ; valve connector	CuSn gold plated; CuSn silver plated	CuSn gold plated; CuSn silver plated
Contact holder material	M12 ; valve connector	PA6T/ 61 GF blue; PA6 GF	PA6T/ 61 GF blue; PA6 GF
Overmoulding material		TPU	TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1	Zamak 15 / ZnAl4Cu1
Environmental conditions			
Protection class (EN 60529)		IP67	IP67
Pollution severity (EN 60664-1)		3	3
Inflammability class			
Contact holder	M12 ; valve connector	UL; V0	UL; V0
Moulded housing		HB	HB
Packaging			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	1 box	JA634T54DP11100	JA634T54KP11100
	2 boxes	JA634T54DP11200	JA634T54KP11200
Approximate weight per box		10...15 Kg	10...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
Notes			
Technical specifications on cables and accessories see pages 171-175			

Jumper Connectors JA series

MOULDED IN CABLE + M12



IEC 61076-2-101 ; EN175301-803	IEC 61076-2-101 ; EN175301-803	IEC 61076-2-101 ; EN175301-803	IEC 61076-2-101 ; EN175301-803
A	A	A	A
(PE) earth in H12 position function indicator bi-color LED for pressure switch device	(PE) earth in H6 position function indicator bi-color LED for pressure switch device	(PE) earth in H12 position function indicator bi-color LED for pressure switch device	(PE) earth in H6 position function indicator bi-color LED for pressure switch device
black	black	black	black
3 + PE	3 + PE	3 + PE	3 + PE
PUR/PVC	PUR/PVC	PUR/PVC	PUR/PVC
0,25 mm ²	0,25 mm ²	0,25 mm ²	0,25 mm ²
1 m	1 m	1 m	1 m
JA655P3YDP25100	JA656P3YDP25100	JA655P3YKP25100	JA656P3YKP25100
order no. JA655P3YDP25200	order no. JA656P3YDP25200	order no. JA655P3YKP25200	order no. JA656P3YKP25200
black	black	black	black
5,0 mm	5,0 mm	5,0 mm	5,0 mm
-40°C to + 80°C	-40°C to + 80°C	-40°C to + 80°C	-40°C to + 80°C
-25°C to + 80°C	-25°C to + 80°C	-25°C to + 80°C	-25°C to + 80°C
			
▷ Code A	▷ Code A	▷ Code A	▷ Code A
1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm
24 V AC/DC	24 V AC/DC	24 V AC/DC	24 V AC/DC
4 A	4 A	4 A	4 A
yellow (pin 2) green (pin 3)	yellow (pin 2) green (pin 3)	yellow (pin 2) green (pin 3)	yellow (pin 2) green (pin 3)
15mΩ max.	15mΩ max.	15mΩ max.	15mΩ max.
III	III	III	III
lock nut M12x1; central screw M3x28,5mm 0,5 - 0,8 N/m ; 0,3 - 0,5 N/m	lock nut M12x1; central screw M3x28,5mm 0,5 - 0,8 N/m ; 0,3 - 0,5 N/m	lock nut M12x1; central screw M3x28,5mm 0,5 - 0,8 N/m ; 0,3 - 0,5 N/m	lock nut M12x1; central screw M3x28,5mm 0,5 - 0,8 N/m ; 0,3 - 0,5 N/m
CuSn gold plated; CuSn silver plated PA6T/ 61 GF blue; PA6 GF TPU Zamak 15 / ZnA14Cu1	CuSn gold plated; CuSn silver plated PA6T/ 61 GF blue; PA6 GF TPU Zamak 15 / ZnA14Cu1	CuSn gold plated; CuSn silver plated PA6T/ 61 GF blue; PA6 GF TPU Zamak 15 / ZnA14Cu1	CuSn gold plated; CuSn silver plated PA6T/ 61 GF blue; PA6 GF TPU Zamak 15 / ZnA14Cu1
IP67	IP67	IP67	IP67
3	3	3	3
UL; V0 HB	UL; V0 HB	UL; V0 HB	UL; V0 HB
100 pieces JA655P3YDP25100 JA655P3YDP25200 10...15 Kg 39 x 39 x 19,5 cm	100 pieces JA656P3YDP25100 JA656P3YDP25200 10...15 Kg 39 x 39 x 19,5 cm	100 pieces JA655P3YKP25100 JA655P3YKP25200 10...15 Kg 39 x 39 x 19,5 cm	100 pieces JA656P3YKP25100 JA656P3YKP25200 10...15 Kg 39 x 39 x 19,5 cm

Form A - EN 175301-803 (DIN43650) / ISO 4400



Product description		
Standard		IEC 61076-2-101 ; EN175301-803
Construction type		A
Description	M12 Y male distributor and P18 valve connector with moulded cable, integrated gasket and central fixing screw	(PE) earth in H6 and H12 position (bridged) function indicator (LED) TVS protective circuit (transil)
Housing colour		black
Number of contacts		2 + PE / PE bridged
Cable type		PUR/PVC
Conductors specification		0,50 mm ²
Cable length		1 m
Order no.		YA634T54DP11100
Other standard options	cable length 2m,	order no. YA634T54DP11200
Cable jacket colour		black
Cable diameter +/-5%		5,5 mm
Temperature range	static application	-40°C to + 80°C
	flexible application	-25°C to + 80°C
Drawing		
<p>▷ Code A</p>		
Technical data		
Pin dimension	M12 ; valve connector	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm
Voltage		24 V AC/DC
Rated current max.		4 A
Suppressor		TVS Vbr max.=37,8V Peak =400W
LED colour		yellow
Contact resistance		15mΩ max.
Overvoltage category		III
Mounting	M12 ; valve connector	lock nut M12 x 1; central screw M3 x 28,5mm
Fixing screw torque	M12 ; valve connector	0,5 - 0,8 N/m; 0,3 - 0,5 N/m
Material		
Contact material	M12 ; valve connector	CuSn gold plated; CuSn silver plated
Contact holder material	M12 ; valve connector	PA6T/61 GF blue; PA6 GF
Overmoulding material		TPU
Coupling nut material		Zamak 15 / ZnAl4Cu1
Environmental conditions		
Protection class (EN 60529)		IP67
Pollution severity (EN 60664-1)		3
Inflammability class		
Contact holder	M12 ; valve connector	UL; V0
Moulded housing		HB
Packaging		
Minimum quantity		100 pieces
Number of boxes suitable :	1 box	YA634T54DP11100
	2 boxes	YA634T54DP11200
Approximate weight per box		10...15 Kg
Box dimension		39 x 39 x 19,5 cm
Notes		
Technical specifications on cables and accessories see pages 171-175		

Adaptors JDA series

MOULDED IN CABLE



IEC 61076-2-101 ; EN175301-803 A Adaptor M12 straight male to P18 valve connector integrated gasket and central fixing screw (PE) earth in H6 and H12 position (bridged) function indicator (LED) and TVS protective circuit (transil) transparent 2 + PE / PE bridged	IEC 61076-2-101 ; EN175301-803 A Adaptor M12 straight male to P18 valve connector integrated gasket and central fixing screw (PE) earth in H12 position function indicator bi-color LED for pressure switch device transparent 3 + PE	IEC 61076-2-101 ; EN175301-803 A Adaptor M12 straight male to P18 valve connector integrated gasket and central fixing screw (PE) earth in H6 position function indicator bi-color LED for pressure switch device transparent 3 + PE	
JDA34T54M12	JDA55P3YM12	JDA56P3YM12	
-40°C to + 80°C	-40°C to + 80°C	-40°C to + 80°C	
<p>▷ Code A</p>	<p>▷ Code A</p>	<p>▷ Code A</p>	
1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm 24 V AC/DC 4 A TVS Vbr max.=37,8V Peak =400W yellow 15mΩ max. III lock nut M12 x 1; central screw M3 x 25mm 0,5 - 0,8 N/m; 0,3 - 0,5 N/m	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm 24 V AC/DC 4 A yellow (pin 2) green (pin 3) 15mΩ max. III lock nut M12 x 1; central screw M3 x 25mm 0,5 - 0,8 N/m; 0,3 - 0,5 N/m	1 mm; 6,3 x 0,8mm / 4,8 x 0,8mm 24 V AC/DC 4 A yellow (pin 2) green (pin 3) 15mΩ max. III lock nut M12 x 1; central screw M3 x 25mm 0,5 - 0,8 N/m; 0,3 - 0,5 N/m	
CuSn gold plated; CuSn silver plated PA6T / 61 GF blue; PA6 GF TPU Zamak 15 / ZnAl4Cu1	CuSn gold plated; CuSn silver plated PA6T / 61 GF blue; PA6 GF TPU Zamak 15 / ZnAl4Cu1	CuSn gold plated; CuSn silver plated PA6T / 61 GF blue; PA6 GF TPU Zamak 15 / ZnAl4Cu1	
IP67 3	IP67 3	IP67 3	
UL; V0 HB	UL; V0 HB	UL; V0 HB	
100 pieces JDA34T54M12	100 pieces JDA55P3YM12	100 pieces JDA56P3YM12	
3...4 Kg 29 x 15 x 18 cm	3...4 Kg 29 x 15 x 18 cm	3...4 Kg 29 x 15 x 18 cm	

Form A - EN 175301-803 (DIN43650) / ISO 4400 + M12