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Data sheet 6ES7194-2LH20-1AA0

Power cable M8, both ends assembled with M8 connector and M8 socket, 4-pole, Length 2.0 m



General information	
Product type designation	Power cable
Product description	Flexible cable (4-core), preassembled at each end with a 4-pin M8 male / female connector
Suitability for use	For connection to ET 200AL for 24 V DC power supply
Degree and class of protection	
IP degree of protection	IP65/67
Ambient conditions	
Ambient temperature during assembly, min.	-30 °C
Ambient temperature during assembly, max.	80 °C
Ambient temperature during storage/transportation	
● min.	-40 °C
● max.	80 °C
Cables	
Cable designation	4 Li9Y 0.50 mm² Y
Cable length	2 m
Number of electrical cores	4
Outer diameter of inner conductor	0.8 mm
Outer diameter of core insulation	1.46 mm
Outer diameter of cable sheath	5.2 mm
Number of bending cycles	2 500 000; cable carrier compliant for 2.5 million bending cycles with a bending radius of 52 mm, a speed of 3 m/s and an acceleration of 10 m/s²
Permissible bending radius, single bend, min.	26 mm
Permissible bending radius, multiple bends, min.	52 mm
Bending radius for continuous bending	52 mm
Color of cable sheath	gray
Color of core insulation of energy core	white / brown / blue / black
Weight per length	44 kg/km
Mechanics/material	
Outgoing feeder type	180° cable outlet
Material of cable sheath	PVC
Material of core insulation	PP
Material property	
● Silicone-free	Yes

Classifications

	Version	Classification
eClass	16	27-24-22-20
eClass	14	27-24-22-20

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eClass	12	27-24-22-20
eClass	9.1	27-24-22-20
eClass	9	27-24-22-20
eClass	8	27-24-92-05
eClass	7.1	27-24-92-05
eClass	6	27-24-92-05
ETIM	10	EC000237
ETIM	9	EC000237
ETIM	8	EC000237
ETIM	7	EC000237
IDEA	4	3553
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval

Miscellaneous | Manufacturer Declaration | EAC | China RoHS

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