



E90

- * DIN 4102-12
- * CSN 73 0895
- * STN 92 0205

FIRE RESISTANT SYSTEMS



3EBasor

CABLE TRAY **SPECIALIST**

INTRODUCTION

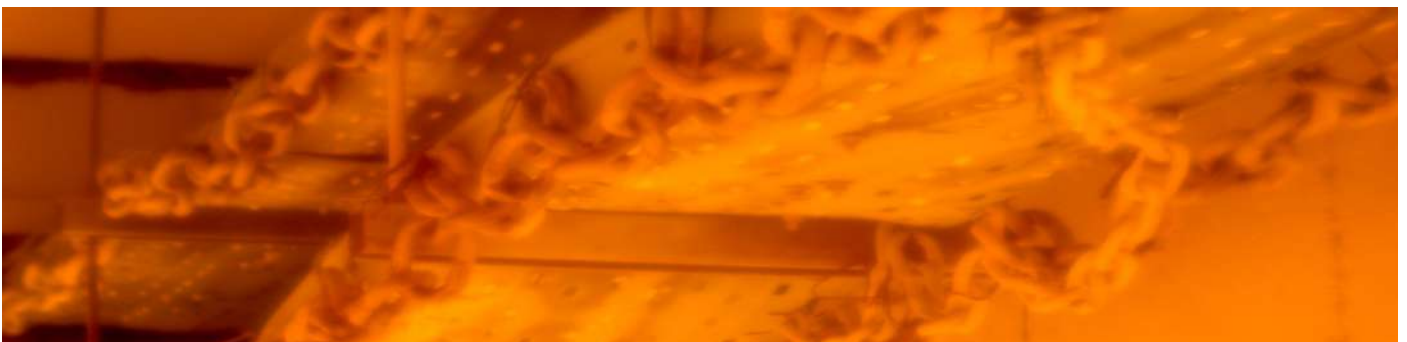
Understanding the importance of maintaining critical installations operational during a fire, Basor Electric rigorously tests its cable tray systems for fire resistance. This helps ensure the continuity of essential services such as smoke extraction, emergency lighting, fire alarm systems and pressurisation equipment for fire suppression.



The required classification of the cable management system depends on the period for which functionality must be maintained during a fire. In public buildings and high-occupancy facilities, this is especially important, as the safe evacuation of large numbers of people relies on essential services remaining operational for longer.



All Basor Electric cable trays are manufactured in compliance with UNE-EN 61537, Cable tray systems and cable ladder systems for cable management. While this standard considers fire performance assessment, it does not currently establish specific provisions for evaluating fire resistance.



BASOR CABLE TRAYS UNDER FIRE CONDITIONS

In the absence of a specific European or international standard in this field, several national standards, such as the German, Czech and Slovak standards, are used to assess the fire performance of cable management systems designed to maintain circuit integrity.

These standards define the test conditions required to verify that the complete system—comprising cable trays, supports, accessories and fire-resistant cables—is capable of maintaining the electrical supply for a specified period, even under extreme fire conditions.

DIN 4102-12

"Fire behaviour of building materials and building components – Fire resistance of electrical cable systems for maintaining circuit integrity."

CSN 730895

"Fire safety engineering. Functional integrity of cable systems under fire conditions. Requirements, testing, classification Px-R and R-PHX, and application of test results."

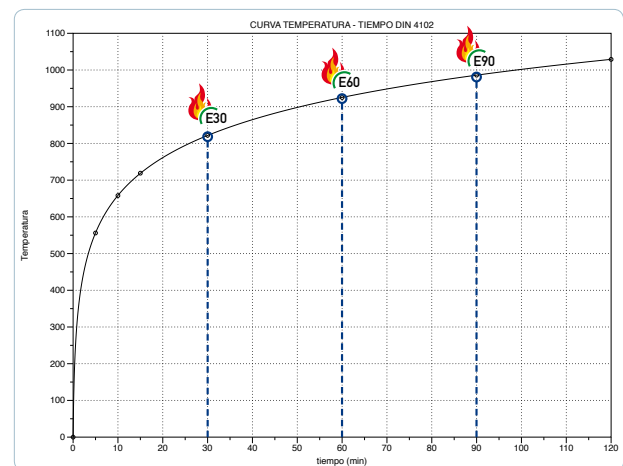
STN 920205

"Fire performance of construction products and building elements. Maintenance of circuit integrity in cable systems. Requirements, test methods, classification and application of test results."

GUARANTEED OPERATION UNDER FIRE CONDITIONS

Basor Electric has tested its cable management systems in accordance with these standards to verify their performance and functionality under fire conditions.

During the test, the complete assembly—comprising fire-resistant cables, cable trays, supports and accessories—is energised inside a furnace following a standardised time-temperature curve, assessing its ability to maintain circuit integrity for the required period.

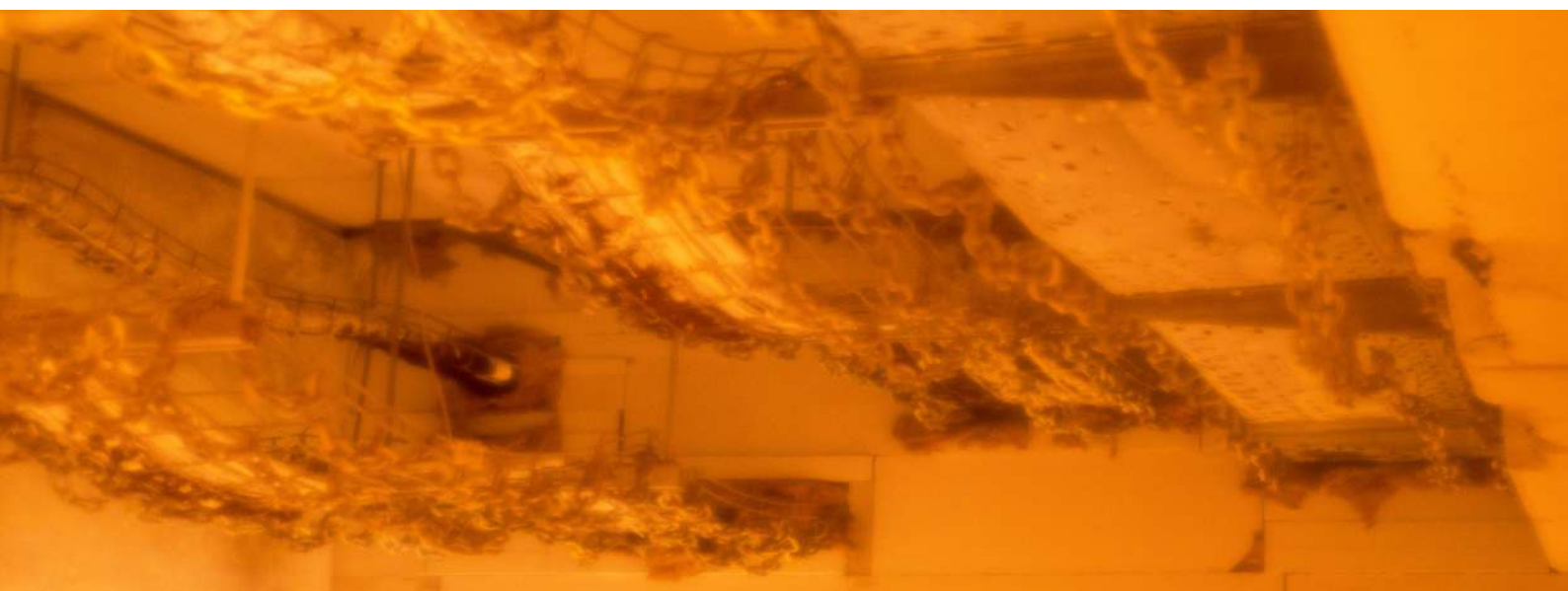
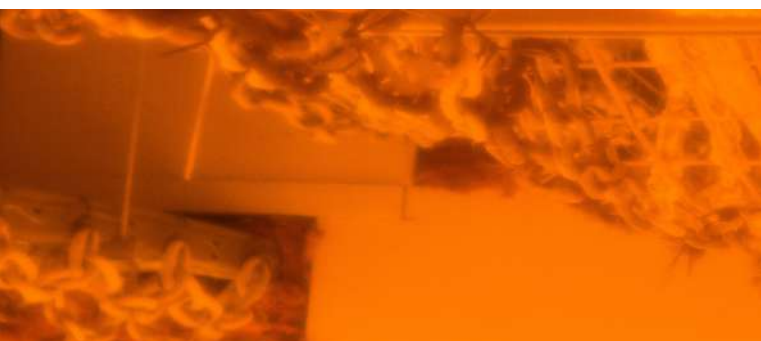


BASOR CABLE TRAYS UNDER FIRE CONDITIONS

As the test progresses, the cable trays undergo deformation while retaining their ability to support the cables. Although the cable insulation progressively deteriorates due to fire exposure, the system maintains the continuity of the electrical supply, preventing both short circuits and circuit failure.

Depending on the length of time, expressed in minutes, for which the installation is able to maintain its functionality, it is classified as **E30**, **E60** or **E90**. The appropriate classification depends on the time required to ensure the safe evacuation of occupants and the operation of emergency services in each installation.

CLASSIFICATION	TEST DURATION (MIN)	TEMPERATURE REACHED (°C)
 E30	30	822
 E60	60	925
 E90	90	986



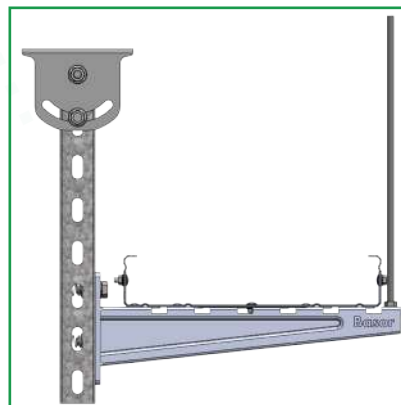
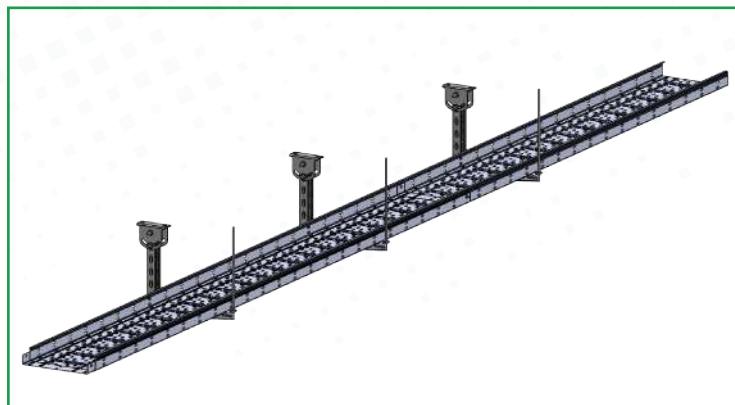


E90
POWER CABLES

E60
SIGNAL CABLES

FRE reinforced cable tray with a 60 mm height

Mounted to an arched ceiling with KA41-3S hinged head, P41-3S channel, SHX support and DIN976 threaded rod



BasorTray FRE

BASOR ELECTRIC S.A. certifies that:

The system RF50.01 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF50.01 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	10 kg/m
Height:	60 mm
Width:	100..300 mm
Finishes:	PG / HDG

LIST OF MATERIALS AT EACH TRAY

BasorTRAY FRE 300x60	3 m
Set B1 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

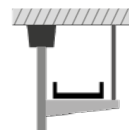
Hinged head KA41-3S	1 u
Channel P41-3S 41x41x2mm	1 u
Support SHX 300	1 u
Threaded Rod DIN976 M8	1 u

FASTENERS

Bolt DIN933 M10x65	1 u
Washer DIN125 M10	3 u
Nut DIN6923 M10	1 u
Set B3 bolt and nut	2 u
Bolt DIN933 M10x30	2 u
Spring nut TM41 M10	2 u
Nut DIN6923 M8	2 u
Set B1 bolt and nut	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
ELKOND HHK a.s.	4x1,5 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	4x10 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	1x2x0,8 mm ²	JE-H(S)H Bd FE180/PH 90 PS90 MICA	Signal	FIRES-JR-181-25-NJURE	E60; P60

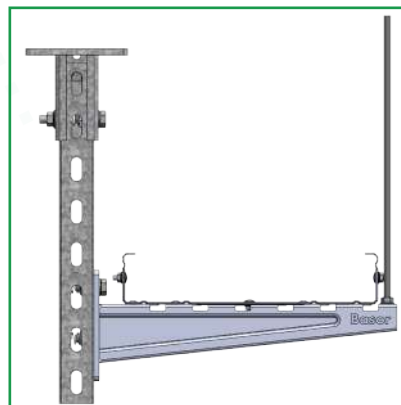
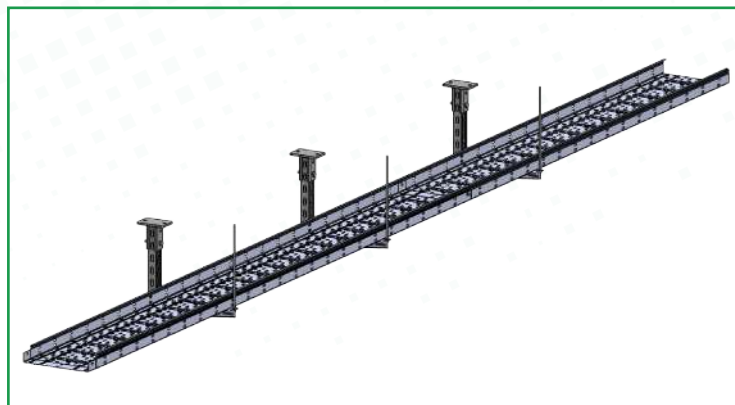


E90
POWER CABLES

E60
SIGNAL CABLES

FRE reinforced cable tray with a 60 mm height

Mounted to a ceiling with K41-3S head, P41-3S channel, SHX support and DIN976 threaded rod



BasorTray FRE

BASOR ELECTRIC S.A. certifies that:

The system RF50.03 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF50.03 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

LIST OF MATERIALS AT EACH SUPPORT

Head K41-3S	1 u
Channel P41-3S 41x41x2mm	1 u
Support SHX 300	1 u
Threaded Rod DIN976 M8	1 u

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	10 kg/m
Height:	60 mm
Width:	100..300 mm
Finishes:	PG / HDG

LIST OF MATERIALS AT EACH TRAY

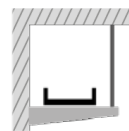
BasorTRAY FRE 300x60	3 m
Set B1 bolt and nut	4 u

FASTENERS

Bolt DIN933 M10x30	3 u
Washer DIN125 M10	3 u
Spring nut TM41 M10	3 u
Set B3 bolt and nut	1 u
Nut DIN6923 M8	2 u
Set B1 bolt and nut	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
ELKOND HHK a.s.	4x1,5 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	4x10 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	1x2x0,8 mm ²	JE-H(S)H Bd FE180/PH 90 PS90 MICA	Signal	FIRES-JR-181-25-NJURE	E60; P60

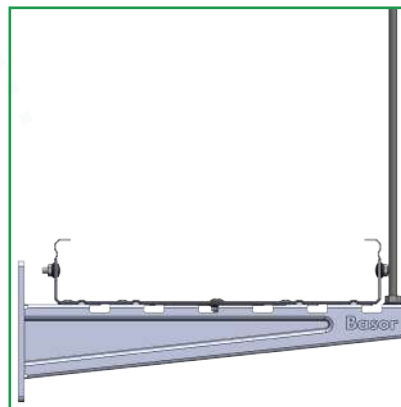
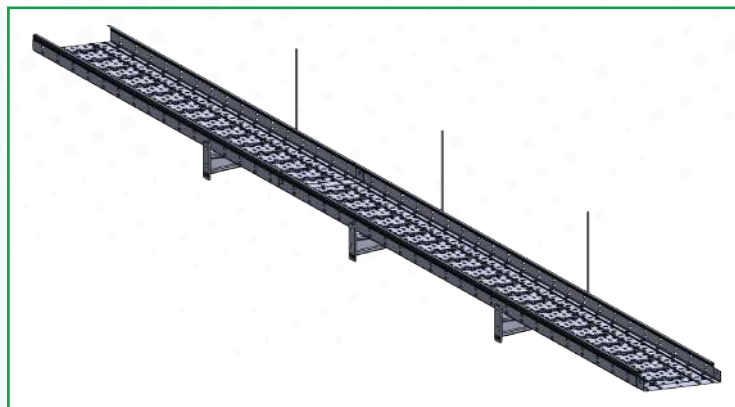


E90
POWER CABLES

E60
SIGNAL CABLES

FRE reinforced cable tray with a 60 mm height

Mounted to wall with SHX support and DIN976 threaded rod



BasorTray FRE

BASOR ELECTRIC S.A. certifies that:

The system RF50.08 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF50.08 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	10 kg/m
Height:	60 mm
Width:	100..300 mm
Finishes:	PG / HDG

LIST OF MATERIALS AT EACH TRAY

BasorTRAY FRE 300x60	3 m
Set B1 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

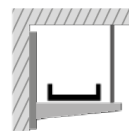
Support SHX 300	1 u
Threaded Rod DIN976 M8	1 u

FASTENERS

Nut DIN6923 M8	2 u
Set B1 bolt and nut	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
ELKOND HHK a.s.	4x1,5 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	4x10 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	1x2x0,8 mm ²	JE-H(S)H Bd FE180/PH 90 PS90 MICA	Signal	FIRES-JR-181-25-NJURE	E60; P60

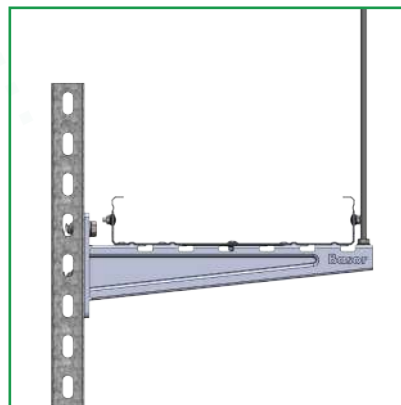
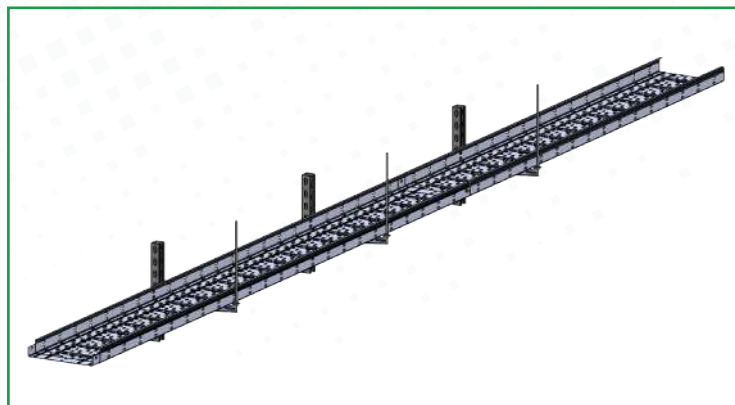


E90
POWER CABLES

E60
SIGNAL CABLES

FRE reinforced cable tray with a 60 mm height

Mounted to a P41-3S channel on the wall with SHX support and DIN976 threaded rod



BasorTray FRE

BASOR ELECTRIC S.A. certifies that:

The system RF50.11 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF50.11 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	10 kg/m
Height:	60 mm
Width:	100..300 mm
Finishes:	PG / HDG

LIST OF MATERIALS AT EACH TRAY

BasorTRAY FRE 300x60	3 m
Set B1 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

Channel P41-3S 41x41x2mm	1 u
Support SHX 300	1 u
Threaded Rod DIN976 M8	1 u

FASTENERS

Bolt DIN933 M10x30	2 u
Washer DIN125 M10	2 u
Spring nut TM41 M10	2 u
Nut DIN6923 M8	2 u
Set B1 bolt and nut	2 u

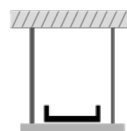
CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
ELKOND HHK a.s.	4x1,5 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	4x10 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	1x2x0,8 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Signal	FIRES-JR-181-25-NJURE	E60; P60



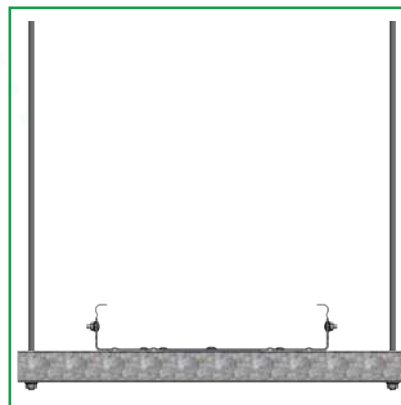
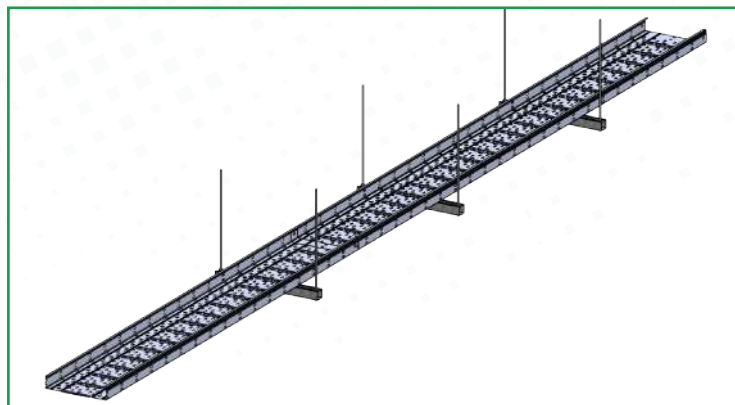
E90
POWER CABLES

E60
SIGNAL CABLES



FRE reinforced cable tray with a 60 mm height

Mounted to a ceiling with DIN976 threaded rods and P41 channel



BasorTray FRE

BASOR ELECTRIC S.A. certifies that:

The system RF54.05 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF54.05 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	10 kg/m
Height:	60 mm
Width:	100..300 mm
Finishes:	PG / HDG

LIST OF MATERIALS AT EACH TRAY

BasorTRAY FRE 300x60	3 m
Set B1 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

Channel P41 41x41x1.5mm	1 u
Threaded Rod DIN976 M8	2 u

FASTENERS

	2 u
Spring nut TM41 M6	2 u
Nut DIN6923 M8	4 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
ELKOND HHK a.s.	4x1,5 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	4x10 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	1x2x0,8 mm ²	JE-H(S)H Bd FE180/PH 90 PS90 MICA	Signal	FIRES-JR-181-25-NJURE	E60; P60

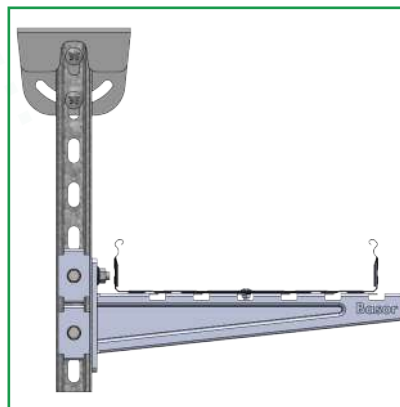
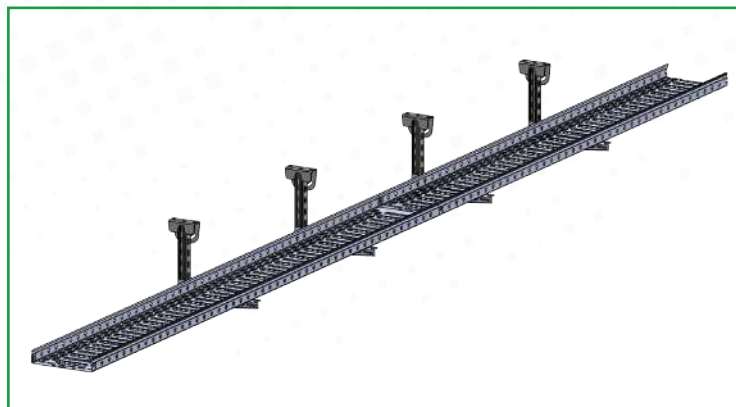


E90
POWER CABLES

E30
SIGNAL CABLES

NR2E cable tray with a 60 mm height

Mounted to an arched ceiling with KL41-3S hinged head, P41-3S channel, accessory 4182S and SHX support



BasorTray NR2E

BASOR ELECTRIC S.A. certifies that:

The system RF59.02 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF59.02 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,0 m
Maximum load:	10 kg/m
Height:	60 mm
Width:	100..300 mm
Finishes:	PG / ZAM3K

LIST OF MATERIALS AT EACH TRAY

BasorTRAY NR2E 300x60	3 m
Set B1 bolt and nut	1 u

LIST OF MATERIALS AT EACH SUPPORT

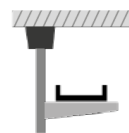
Hinged head KL41-3S	1 u
Channel P41-3S 41x41x2mm	1 u
Accessory 4182S	2 u
Support SHX 300	1 u

FASTENERS

Set B3 bolt and nut	4 u
Bolt DIN933 M8x55	2 u
Washer DIN125 M8	2 u
Spring nut TM41 M8	2 u
Set B1 bolt and nut	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
ELKOND HHK a.s.	4x1,5 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	4x10 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	1x2x0,8 mm ²	JE-H(S)H Bd FE180/PH 90 PS90 MICA	Signal	FIRES-JR-181-25-NJURE	E30; P45

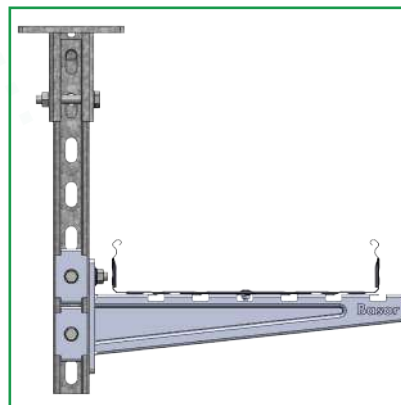
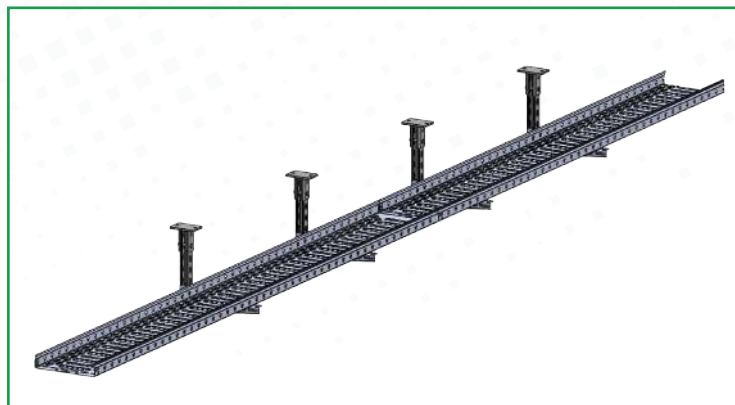


E90
POWER CABLES

E30
SIGNAL CABLES

NR2E cable tray with a 60 mm height

Mounted to a ceiling with K41-3S head, P41-3S channel, accessory 4182S and SHX support



BasorTray NR2E

BASOR ELECTRIC S.A. certifies that:

The system RF59.04 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF59.04 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,0 m
Maximum load:	10 kg/m
Height:	60 mm
Width:	100..300 mm
Finishes:	PG / ZAM3K

LIST OF MATERIALS AT EACH TRAY

BasorTRAY NR2E 300x60	3 m
Set B1 bolt and nut	1 u

LIST OF MATERIALS AT EACH SUPPORT

Head K41-3S	1 u
Channel P41-3S 41x41x2mm	1 u
Accessory 4182S	2 u
Support SHX 300	1 u

FASTENERS

Set CT2 bolt and nut	1 u
Bolt DIN933 M8x55	2 u
Washer DIN125 M8	2 u
Nut DIN6923 M8	2 u
Set B3 bolt and nut	2 u
Set B1 bolt and nut	2 u

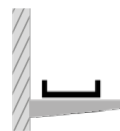
CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
ELKOND HHK a.s.	4x1,5 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	4x10 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	1x2x0,8 mm ²	JE-H(S)H Bd FE180/PH 90 PS90 MICA	Signal	FIRES-JR-181-25-NJURE	E30; P45



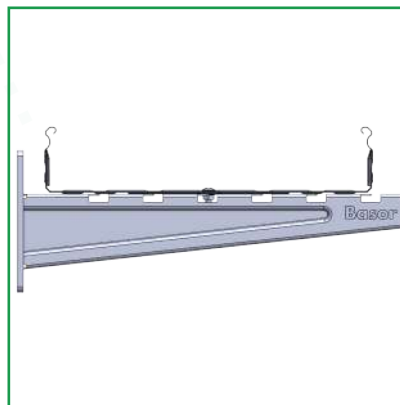
E90
POWER CABLES

E30
SIGNAL CABLES



NR2E cable tray with a 60 mm height

Mounted to wall with SHX support



BasorTray NR2E

BASOR ELECTRIC S.A. certifies that:

The system RF59.09 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF59.09 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,0 m
Maximum load:	10 kg/m
Height:	60 mm
Width:	100..300 mm
Finishes:	PG / ZAM3K

LIST OF MATERIALS AT EACH TRAY

BasorTRAY NR2E 300x60	3 m
Set B1 bolt and nut	1 u

LIST OF MATERIALS AT EACH SUPPORT

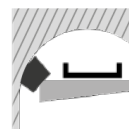
Support SHX 300	1 u

FASTENERS

Set B1 bolt and nut	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
ELKOND HHK a.s.	4x1,5 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	4x10 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	1x2x0,8 mm ²	JE-H(S)H Bd FE180/PH 90 PS90 MICA	Signal	FIRES-JR-181-25-NJURE	E30; P45

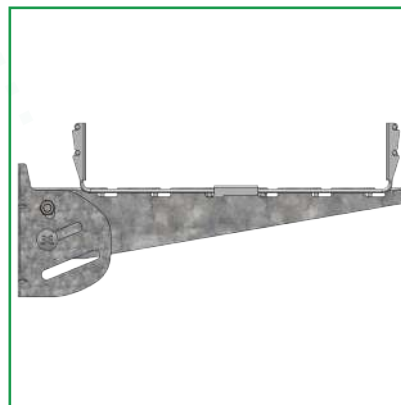
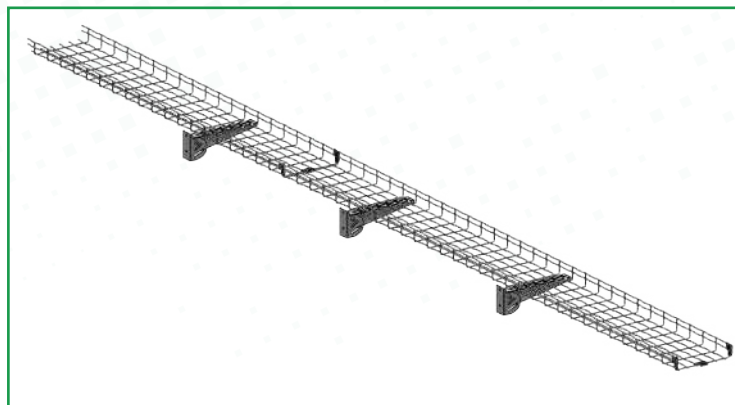


E90
POWER CABLES

E60
SIGNAL CABLES

BF2R basket tray self coupling with a 65 mm height

Mounted to a wall or vaulted wall with KSR head and C-SR support



BasorFil BF2R

BASOR ELECTRIC S.A. certifies that:

The system RF60.14 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The installation of BF2R basket tray self coupling with a 65 mm height and a width of 300 mm: To be mounted to a wall or vaulted wall with KSR head and C-SR support. Tested for working load of 10 kg/m with a maximum support span of 1,2 m. Available in the following finishes: EZ / EZ1000.

LIST OF MATERIALS AT EACH SUPPORT

Articulated head plate KSR	1 u
Support C-SR 300	1 u

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	10 kg/m
Height:	60 mm
Width:	300 mm
Finishes:	EZ / EZ1000

LIST OF MATERIALS AT EACH TRAY

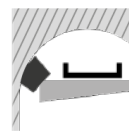
BasorFIL BF2R 300x65	3 m

FASTENERS

Set B2 bolt and nut	4 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
ELKOND HHK a.s.	4x1,5 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	4x10 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	1x2x0,8 mm ²	JE-H(S)H Bd FE180/PH 90 PS90 MICA	Signal	FIRES-JR-181-25-NJURE	E60; P60

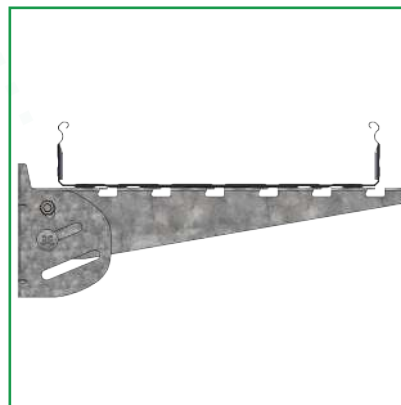
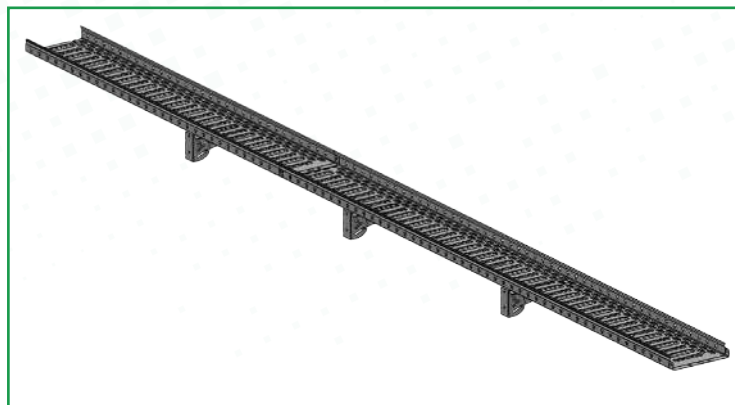


E90
POWER CABLES

E60
SIGNAL CABLES

NR2E cable tray with a 60 mm height

Mounted to a wall or vaulted wall with KSR head and C-SR support



BasorTray NR2E

BASOR ELECTRIC S.A. certifies that:

The system RF61.14 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The installation of NR2E cable tray with a 60 mm height and a maximum width of 300 mm: To be mounted to a wall or vaulted wall with KSR head and C-SR support. Tested for working load of 10 kg/m with a maximum support span of 1,2 m. Available in the following finishes: PG / ZAM3K.

LIST OF MATERIALS AT EACH SUPPORT

Articulated head plate KSR	1 u
Support C-SR 300	1 u

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	10 kg/m
Height:	60 mm
Width:	100..300 mm
Finishes:	PG / ZAM3K

LIST OF MATERIALS AT EACH TRAY

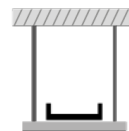
BasorTRAY NR2E 300x60	3 m
Set B1 bolt and nut	1 u

FASTENERS

Set B2 bolt and nut	4 u
Set B1 bolt and nut	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
ELKOND HHK a.s.	4x1,5 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	4x10 mm ²	NHXH FE180/PH120 E90	Power	FIRES-JR-181-25-NJURE	E90; P90
ELKOND HHK a.s.	1x2x0,8 mm ²	JE-H(S)H Bd FE180/PH 90 PS90 MICA	Signal	FIRES-JR-181-25-NJURE	E60; P60



E90

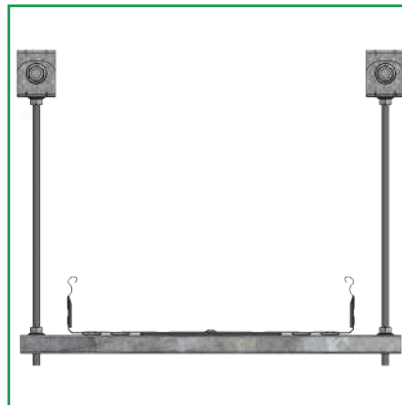
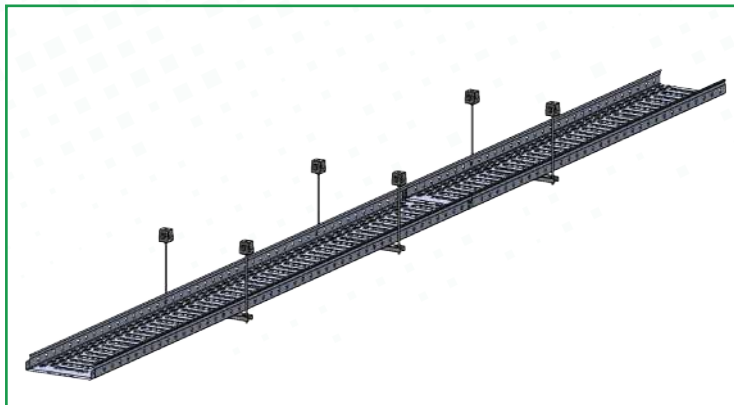
POWER CABLES

E90

SIGNAL CABLES

NR2E cable tray with a 60 mm height

Mounted to a ceiling with DIN976 threaded rods and CT40 channel



BasorTray **NR2E**

BASOR ELECTRIC S.A. certifies that:

The system RF63.05 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF63.05 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	10 kg/m
Height:	60 mm
Width:	100..300 mm
Finishes:	PG / ZAM3K

LIST OF MATERIALS AT EACH TRAY

BasorTRAY NR2E 300x60	3 m
Set B1 bolt and nut	1 u

LIST OF MATERIALS AT EACH SUPPORT

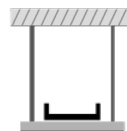
Channel CT40 40x20x1.5mm	1 u
Threaded Rod DIN976 M8	2 u
<u>OPTIONAL</u>	
Accessory 4182CV	2 u
Nut DIN6923 M8	4 u

FASTENERS

[illegible]

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm² - 4x50 mm²	NHXH-J 4x1,5 RE FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm²	Bitflame® AS(Si) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NURE	E90; P90



E90

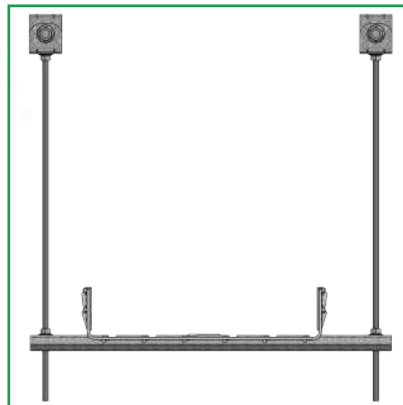
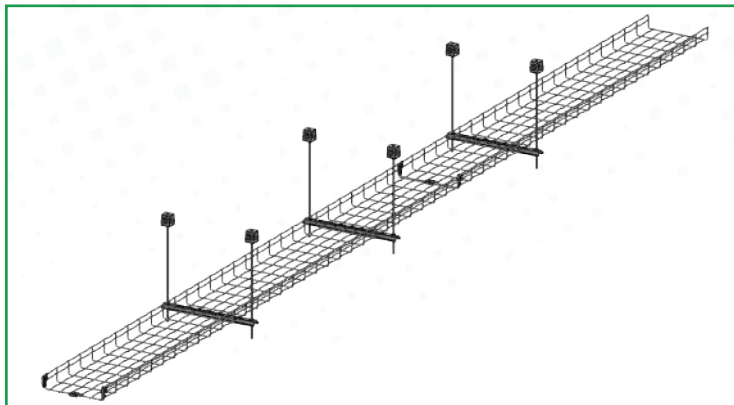
POWER CABLES

E90

SIGNAL CABLES

BF2R basket tray self coupling with a 65 mm height

Mounted to a ceiling with DIN976 threaded rods and CT40 channel



BasorFil

BASOR ELECTRIC S.A. certifies that:

The system RF65.05 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF65.05 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	10 kg/m
Height:	60 mm
Width:	100..300 mm
Finishes:	EZ / EZ1000

LIST OF MATERIALS AT EACH TRAY

BasorFIL BF2R 300x65	3 m

LIST OF MATERIALS AT EACH SUPPORT

C-SVO support	1 u
Threaded Rod DIN976 M8	2 u
<u>OPTIONAL</u>	
Accessory 4182CV	2 u
Nut DIN6923 M8	4 u

FASTENERS

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm² - 4x50 mm²	NHXH-J 4x1,5 RE FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm²	Bitflame® AS(S)t FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NURE	E90; P90

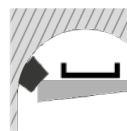


E90

POWER CABLES

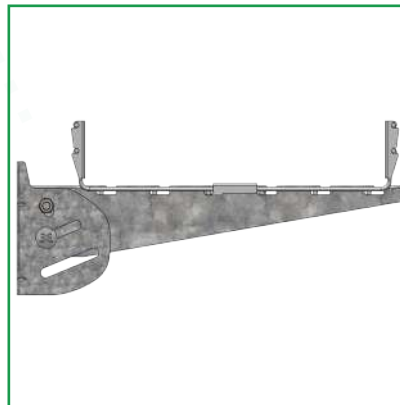
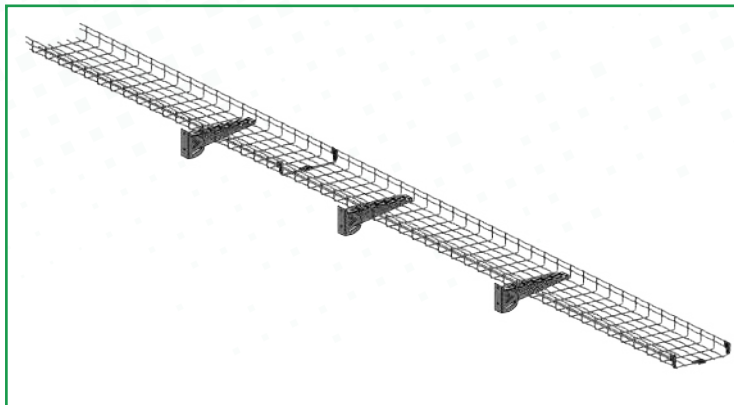
E90

SIGNAL CABLES



BF2R basket tray self coupling with a 65 mm height

Mounted to a wall or vaulted wall with KSR head and C-SR support



BasorFil **BF2R**

BASOR ELECTRIC S.A. certifies that:

The system RF66.14 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The installation of BF2R basket tray self coupling with a 65 mm height and a width of 300 mm: To be mounted to a wall or vaulted wall with KSR head and C-SR support. Tested for working load of 10 kg/m with a maximum support span of 1,2 m. Available in the following finishes: SS304 / SS316.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	10 kg/m
Height:	60 mm
Width:	300 mm
Finishes:	SS304 / SS316

LIST OF MATERIALS AT EACH TRAY

BasorFIL BF2R 300x65 inox	3 m

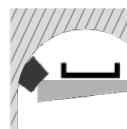
LIST OF MATERIALS AT EACH SUPPORT

[illegible]

FASTENERS

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm² - 4x50 mm²	NHXH-J 4x1,5 RE FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm²	Bitflame® AS(Si) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NURE	E90; P90

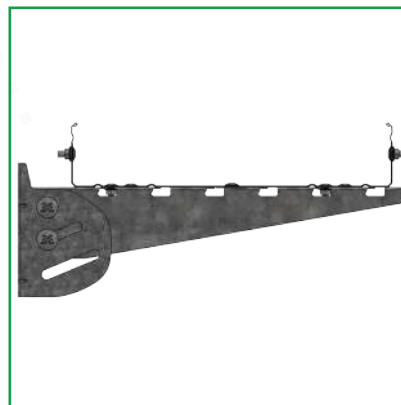
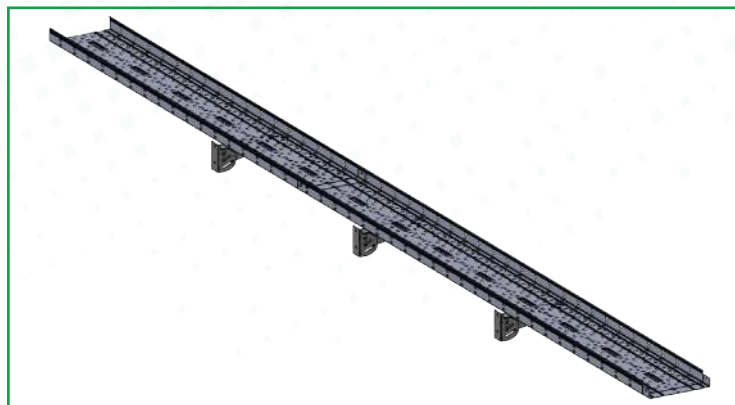


E90
POWER CABLES

E90
SIGNAL CABLES

ERE cable tray with a 60 mm height

Mounted to a wall or vaulted wall with KSR head and C-SR support



BasorTray ERE

BASOR ELECTRIC S.A. certifies that:

The system RF67.14 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The installation of ERE cable tray with a 60 mm height and a maximum width of 300 mm: To be mounted to a wall or vaulted wall with KSR head and C-SR support. Tested for working load of 10 kg/m with a maximum support span of 1,2 m. Available in the following finishes: SS304 / SS316.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	10 kg/m
Height:	60 mm
Width:	100..300 mm
Finishes:	SS304 / SS316

LIST OF MATERIALS AT EACH TRAY

BasorTRAY ERE 300x60	3 m
Set B1 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

Articulated head plate KSR	1 u
Support C-SR 300	1 u

FASTENERS

Set B2 bolt and nut	4 u
Set B1 bolt and nut	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXH-J 4x1,5 RE FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS(Si) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90

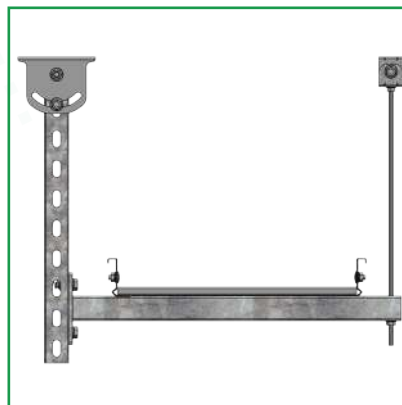
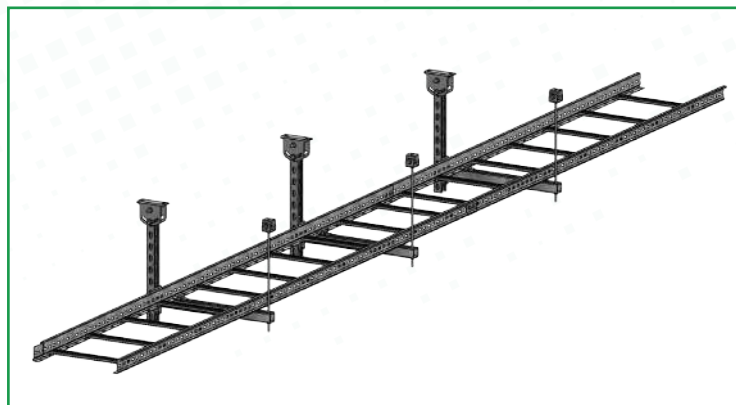


E90
POWER CABLES

E90
SIGNAL CABLES

FER cable ladder with a 60 mm height, 300 mm rung span

Mounted to an arched ceiling with KA41-3S hinged head, P41-3S channel, SP4 support and DIN976 threaded rod



BasorTrav FER

BASOR ELECTRIC S.A. certifies that:

The system RF70.01 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF70.01 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	20 kg/m
Height:	60 mm
Width:	100..400 mm
Finishes:	PG

LIST OF MATERIALS AT EACH TRAY

BasorTRAV FER 400x60 p300	3 m
Set B2 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

Hinged head KA41-3S	1 u
Channel P41-3S 41x41x2mm	1 u
Support SP4 500	1 u
Threaded Rod DIN976 M8	1 u
Hold Down Clamp BFE 10	2 u
OPTIONAL	
Accessory 4182CV	1 u
Nut DIN6923 M8	2 u

FASTENERS

Bolt DIN933 M10x65	1 u
Washer DIN125 M10	5 u
Nut DIN6923 M10	1 u
Set B3 bolt and nut	2 u
Bolt DIN933 M10x30	4 u
Spring nut TM41 M10	4 u
Nut DIN6923 M8	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXH-J 4x1,5 RE FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS(St) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90

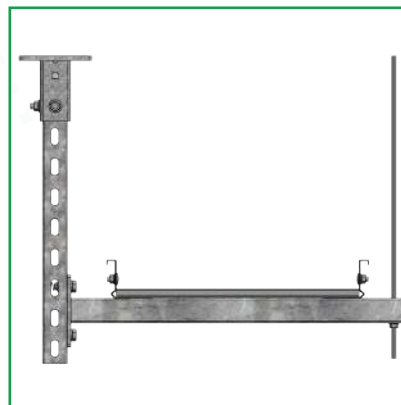
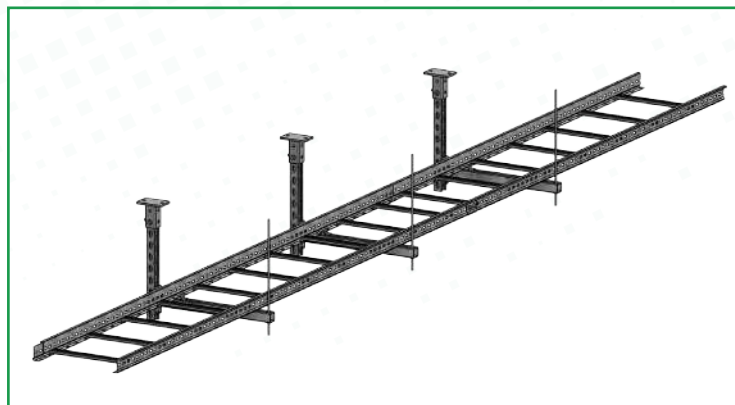


E90
POWER CABLES

E90
SIGNAL CABLES

FER cable ladder with a 60 mm height, 300 mm rung span

Mounted to a ceiling with K41-3S head, P41-3S channel, SP4 support and DIN976 threaded rod



BasorTrav FER

BASOR ELECTRIC S.A. certifies that:

The system RF70.03A from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF70.03A from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

LIST OF MATERIALS AT EACH SUPPORT

Head K41-3S	1 u
Channel P41-3S 41x41x2mm	1 u
Support SP4 500	1 u
Threaded Rod DIN976 M8	1 u
Hold Down Clamp BFE 10	2 u

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	20 kg/m
Height:	60 mm
Width:	100..400 mm
Finishes:	PG

LIST OF MATERIALS AT EACH TRAY

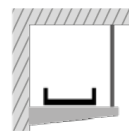
BasorTRAV FER 300x60 p300	3 m
Set B2 bolt and nut	4 u

FASTENERS

Set B3 bolt and nut	2 u
Washer DIN125 M10	4 u
Bolt DIN933 M10x30	4 u
Spring nut TM41 M10	4 u
Nut DIN6923 M8	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXH-J 4x1,5 RE FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS(St) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90

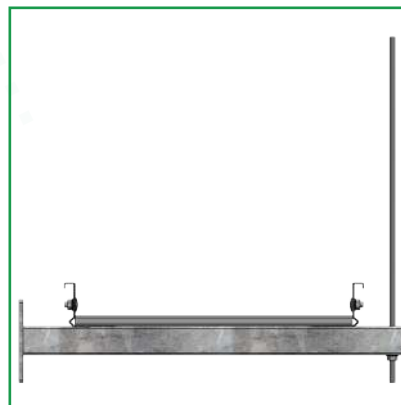
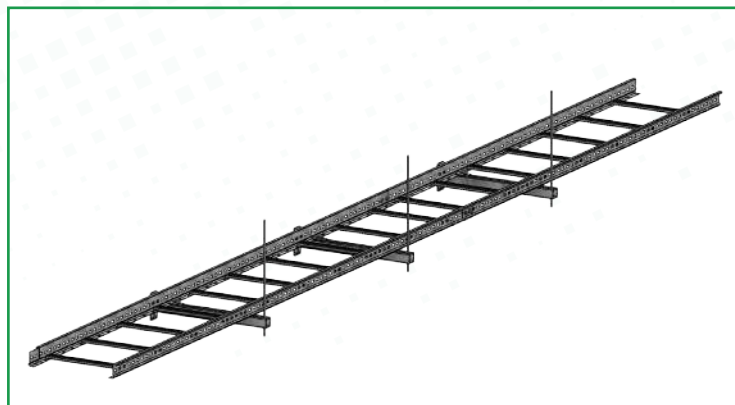


E90
POWER CABLES

E90
SIGNAL CABLES

FER cable ladder with a 60 mm height, 300 mm rung span

Mounted to wall with SP4 support and DIN976 threaded rod



BasorTrav FER

BASOR ELECTRIC S.A. certifies that:

The system RF70.08 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF70.08 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	10 kg/m
Height:	60 mm
Width:	100..300 mm
Finishes:	PG

LIST OF MATERIALS AT EACH TRAY

BasorTRAV FER 300x60 p300	3 m
Set B2 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

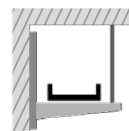
Support SP4 500	1 u
Threaded Rod DIN976 M8	1 u
Hold Down Clamp BFE 10	2 u

FASTENERS

Washer DIN125 M10	2 u
Bolt DIN933 M10x30	2 u
Spring nut TM41 M10	2 u
Nut DIN6923 M8	2 u

CABLES USED FOR THE TESTS

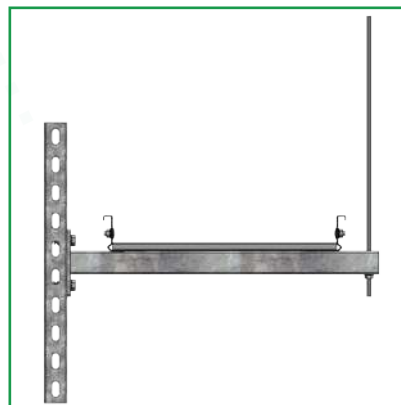
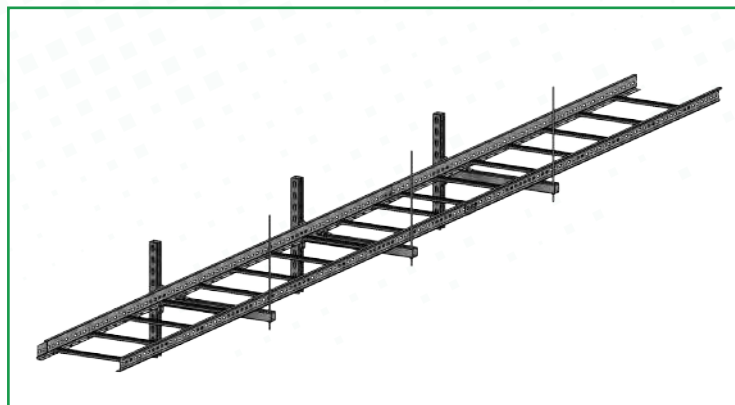
MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXH-J 4x1,5 RE FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS(St) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90



E90
POWER CABLES

E90
SIGNAL CABLES

FER cable ladder with a 60 mm height, 300 mm rung span
Mounted to a P41-3S channel on the wall with SP4 support and DIN976 threaded rod



BasorTrav FER

BASOR ELECTRIC S.A. certifies that:

The system RF70.11 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF70.11 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

LIST OF MATERIALS AT EACH SUPPORT

Channel P41-3S 41x41x2mm	1 u
Support SP4 500	1 u
Threaded Rod DIN976 M8	1 u
Hold Down Clamp BFE 10	2 u

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	10 kg/m
Height:	60 mm
Width:	100..300 mm
Finishes:	PG

LIST OF MATERIALS AT EACH TRAY

BasorTRAV FER 300x60 p300	3 m
Set B2 bolt and nut	4 u

FASTENERS

Washer DIN125 M10	4 u
Bolt DIN933 M10x30	4 u
Spring nut TM41 M10	4 u
Nut DIN6923 M8	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXH-J 4x1,5 RE FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS(St) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90

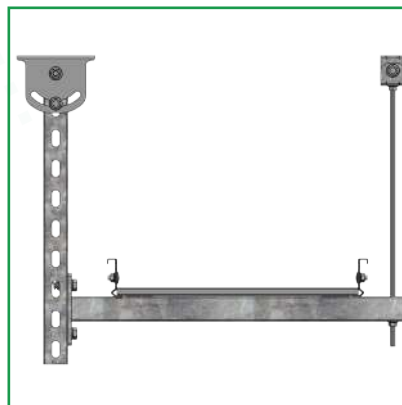
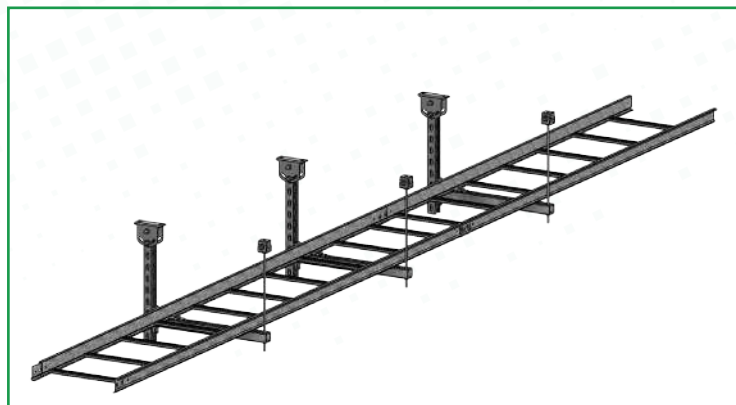


E90
POWER CABLES

E90
SIGNAL CABLES

FE-R cable ladder with a 60 mm height, 300 mm rung span

Mounted to an arched ceiling with KA41-3S hinged head, P41-3S channel, SP4 support and DIN976 threaded rod



BasorTrav FE

BASOR ELECTRIC S.A. certifies that:

The system RF71.01 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF71.01 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	20 kg/m
Height:	60 mm
Width:	100..400 mm
Finishes:	HDG

LIST OF MATERIALS AT EACH TRAY

BasorTRAV FE-R 400x60 p300	3 m
Set B2 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

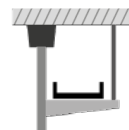
Hinged head KA41-3S	1 u
Channel P41-3S 41x41x2mm	1 u
Support SP4 500	1 u
Threaded Rod DIN976 M8	1 u
Hold Down Clamp BFE 10	2 u
OPTIONAL	
Accessory 4182CV	1 u
Nut DIN6923 M8	2 u

FASTENERS

Bolt DIN933 M10x65	1 u
Washer DIN125 M10	5 u
Nut DIN6923 M10	1 u
Set B3 bolt and nut	2 u
Bolt DIN933 M10x30	4 u
Spring nut TM41 M10	4 u
Nut DIN6923 M8	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXH-J 4x1,5 RE FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NJURE	E90; P90
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NJURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NJURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS(St) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NJURE	E90; P90

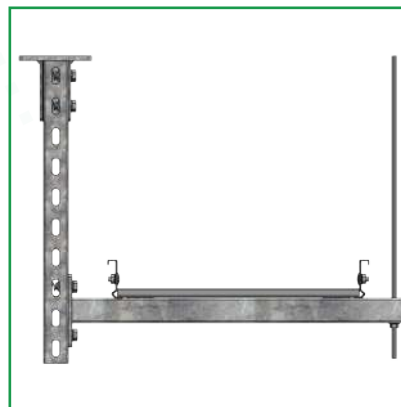
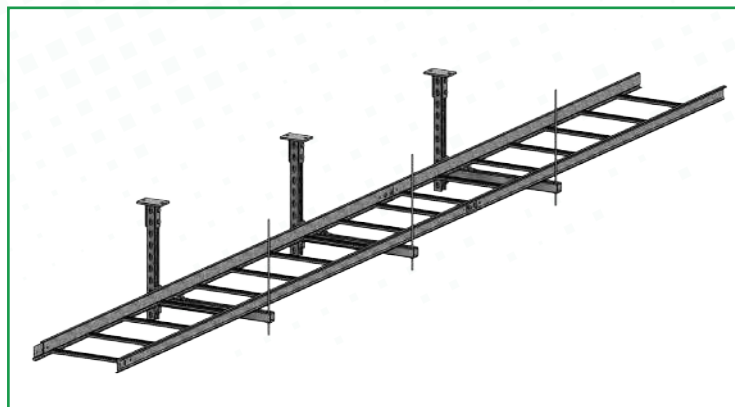


E90
POWER CABLES

E90
SIGNAL CABLES

FE-R cable ladder with a 60 mm height, 300 mm rung span

Mounted to a ceiling with K41 head, P41-3S channel, SP4 support and DIN976 threaded rod



BasorTrav FE

BASOR ELECTRIC S.A. certifies that:

The system RF71.03 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF71.03 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	20 kg/m
Height:	60 mm
Width:	100..400 mm
Finishes:	HDG

LIST OF MATERIALS AT EACH TRAY

BasorTRAV FE-R 400x60 p300	3 m
Set B2 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

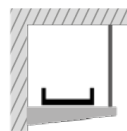
Head K41	1 u
Channel P41-3S 41x41x2mm	1 u
Support SP4 500	1 u
Threaded Rod DIN976 M8	1 u
Hold Down Clamp BFE 10	2 u

FASTENERS

Bolt DIN933 M10x30	6 u
Washer DIN125 M10	6 u
Spring nut TM41 M10	6 u
Set B2 bolt and nut	4 u
Nut DIN6923 M8	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXH-J 4x1,5 RE FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS(St) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90

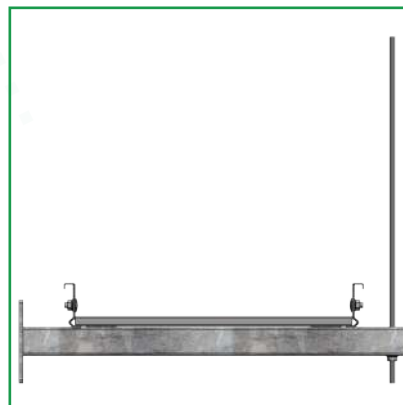
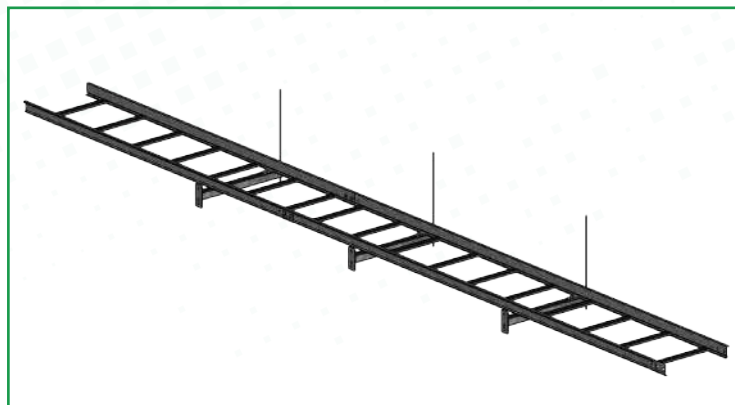


E90
POWER CABLES

E90
SIGNAL CABLES

FE-R cable ladder with a 60 mm height, 300 mm rung span

Mounted to wall with SP4 support and DIN976 threaded rod



BasorTrav FE

BASOR ELECTRIC S.A. certifies that:

The system RF71.08 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF71.08 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	20 kg/m
Height:	60 mm
Width:	100..400 mm
Finishes:	HDG

LIST OF MATERIALS AT EACH TRAY

BasorTRAV FE-R 400x60 p300	3 m
Set B2 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

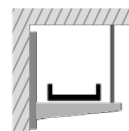
Support SP4 500	1 u
Threaded Rod DIN976 M8	1 u
Hold Down Clamp BFE 10	2 u

FASTENERS

Bolt DIN933 M10x30	2 u
Washer DIN125 M10	2 u
Spring nut TM41 M10	2 u
Nut DIN6923 M8	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXH-J 4x1,5 RE FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS(St) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90

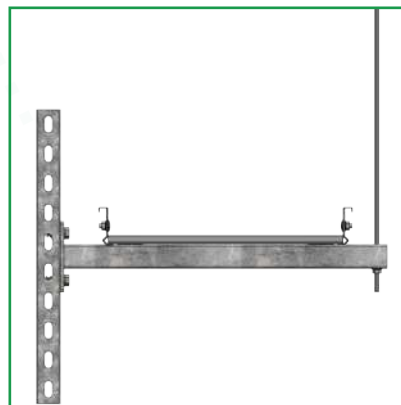
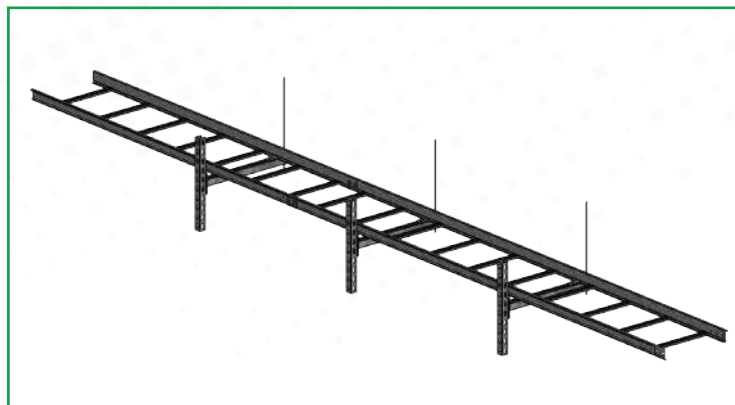


E90
POWER CABLES

E90
SIGNAL CABLES

FE-R cable ladder with a 60 mm height, 300 mm rung span

Mounted to a P41-3S channel on the wall with SP4 support and DIN976 threaded rod



BasorTrav FE

BASOR ELECTRIC S.A. certifies that:

The system RF71.11 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF71.11 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	20 kg/m
Height:	60 mm
Width:	100..400 mm
Finishes:	HDG

LIST OF MATERIALS AT EACH TRAY

BasorTRAV FE-R 400x60 p300	3 m
Set B2 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

Channel P41-3S 41x41x2mm	1 u
Support SP4 500	1 u
Threaded Rod DIN976 M8	1 u
Hold Down Clamp BFE 10	2 u

FASTENERS

Bolt DIN933 M10x30	4 u
Washer DIN125 M10	4 u
Spring nut TM41 M10	4 u
Nut DIN6923 M8	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXH-J 4x1,5 RE FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS(St) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90



E90

POWER CABLES

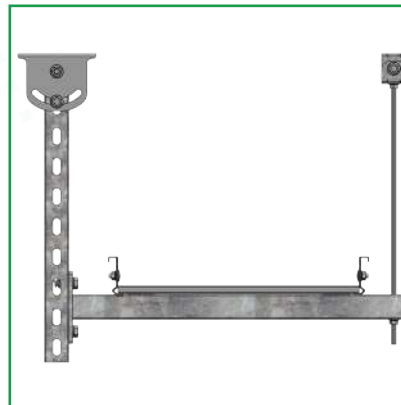
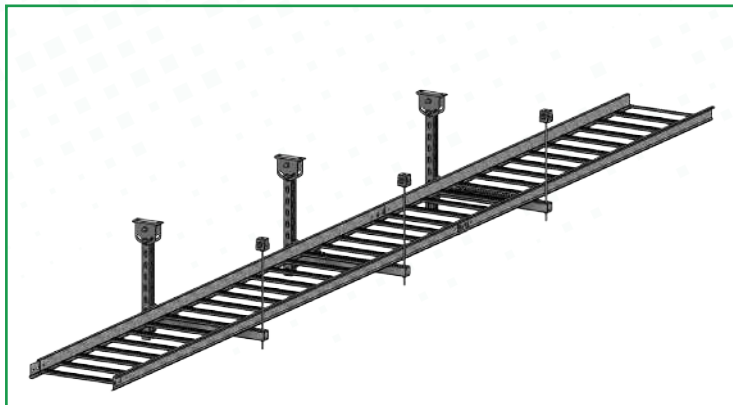
E90

SIGNAL CABLES

FE-R cable ladder with a 60 mm height, 150 mm rung span

Mounted to an arched ceiling with KA41-3S hinged head, P41-3S channel, SP4 support and DIN976 threaded rod

STANDARD DIN



BasorTrav **FE**

BASOR ELECTRIC S.A. certifies that:

The system RF72.01 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF72.01 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	20 kg/m
Height:	60 mm
Width:	100..400 mm
Finishes:	HDG

LIST OF MATERIALS AT EACH TRAY

BasorTRAV FE-R 400x60 p150	3 m
Set B2 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

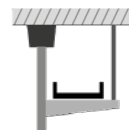
Hinged head KA41-3S	1 u
Channel P41-3S 41x41x2mm	1 u
Support SP4 500	1 u
Threaded Rod DIN976 M8	1 u
Hold Down Clamp BFE 10	2 u
<u>OPTIONAL</u>	
Accessory 4182CV	1 u
Nut DIN6923 M8	2 u

FASTENERS

Bolt DIN933 M10x65	1 u
Washer DIN125 M10	5 u
Nut DIN6923 M10	1 u
Set B3 bolt and nut	2 u
Bolt DIN933 M10x30	4 u
Spring nut TM41 M10	4 u
Nut DIN6923 M8	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm² - 4x50 mm²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm²	Bitflame® AS(Si) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NURE	E90; P90



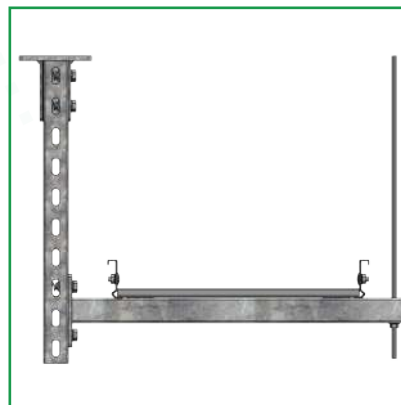
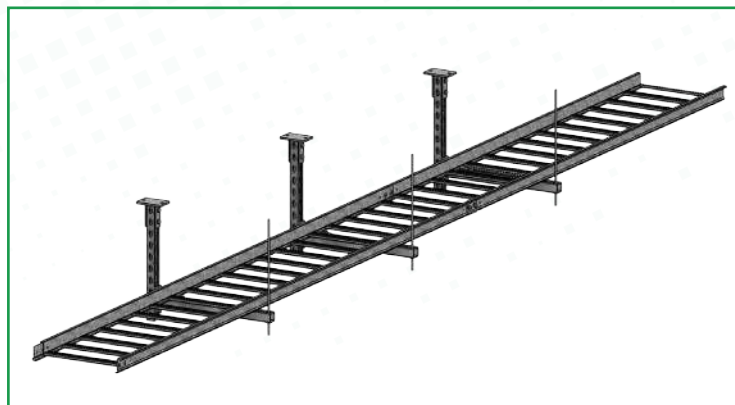
E90
POWER CABLES

E90
SIGNAL CABLES

FE-R cable ladder with a 60 mm height, 150 mm rung span

Mounted to a ceiling with K41 head, P41-3S channel, SP4 support and DIN976 threaded rod

STANDARD DIN



BasorTrav FE

BASOR ELECTRIC S.A. certifies that:

The system RF72.03 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF72.03 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	20 kg/m
Height:	60 mm
Width:	100..400 mm
Finishes:	HDG

LIST OF MATERIALS AT EACH TRAY

BasorTRAV FE-R 400x60 p150	3 m
Set B2 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

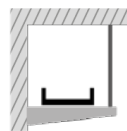
Head K41	1 u
Channel P41-3S 41x41x2mm	1 u
Support SP4 500	1 u
Threaded Rod DIN976 M8	1 u
Hold Down Clamp BFE 10	2 u

FASTENERS

Bolt DIN933 M10x30	6 u
Washer DIN125 M10	6 u
Spring nut TM41 M10	6 u
Set B2 bolt and nut	4 u
Nut DIN6923 M8	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS(Si) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90



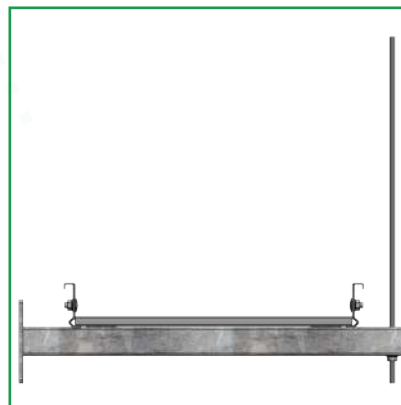
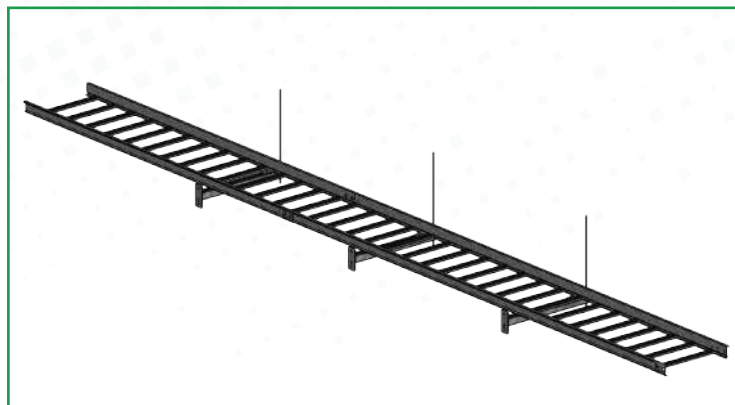
E90
POWER CABLES

E90
SIGNAL CABLES

FE-R cable ladder with a 60 mm height, 150 mm rung span

Mounted to wall with SP4 support and DIN976 threaded rod

STANDARD DIN



BasorTrav FE

BASOR ELECTRIC S.A. certifies that:

The system RF72.08 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF72.08 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	20 kg/m
Height:	60 mm
Width:	100..400 mm
Finishes:	HDG

LIST OF MATERIALS AT EACH TRAY

BasorTRAV FE-R 400x60 p150	3 m
Set B2 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

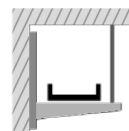
Support SP4 500	1 u
Threaded Rod DIN976 M8	1 u
Hold Down Clamp BFE 10	2 u

FASTENERS

Bolt DIN933 M10x30	2 u
Washer DIN125 M10	2 u
Spring nut TM41 M10	2 u
Nut DIN6923 M8	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS(Si) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90

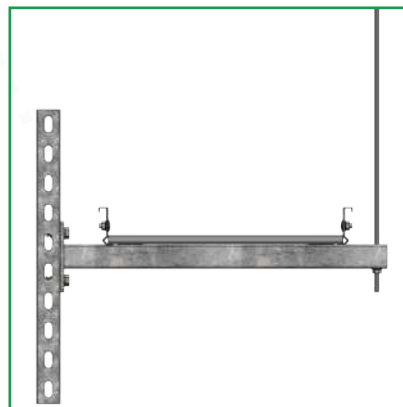
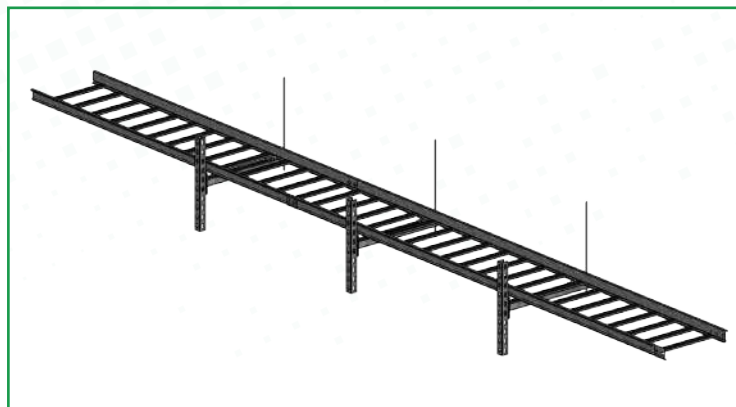


E90
POWER CABLES

E90
SIGNAL CABLES

FE-R cable ladder with a 60 mm height, 150 mm rung span
Mounted to a ceiling with K41 head, P41-3S channel, SP4 support and DIN976 threaded rod

STANDARD DIN



BasorTrav FE

BASOR ELECTRIC S.A. certifies that:

The system RF72.11 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF72.11 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	20 kg/m
Height:	60 mm
Width:	100..400 mm
Finishes:	HDG

LIST OF MATERIALS AT EACH TRAY

BasorTRAV FE-R 400x60 p150	3 m
Set B2 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

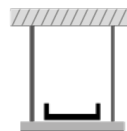
Channel P41-3S 41x41x2mm	1 u
Support SP4 500	1 u
Threaded Rod DIN976 M8	1 u
Hold Down Clamp BFE 10	2 u

FASTENERS

Bolt DIN933 M10x30	4 u
Washer DIN125 M10	4 u
Spring nut TM41 M10	4 u
Nut DIN6923 M8	2 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS(Si) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NIURE	E90; P90



E60

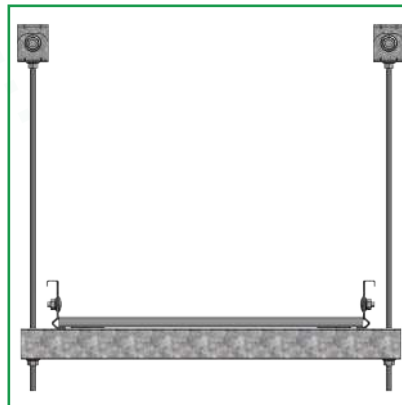
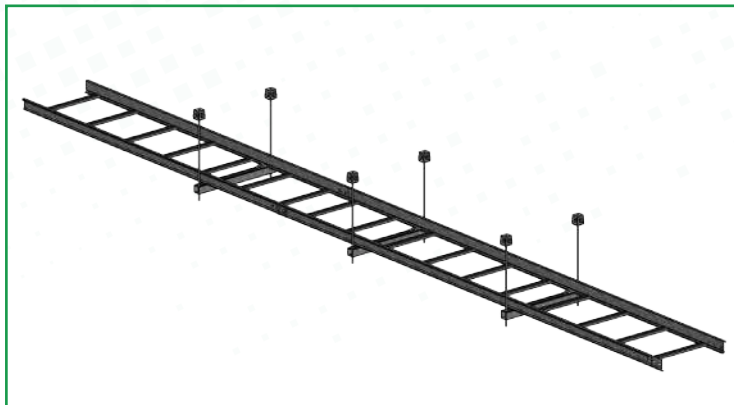
POWER CABLES

E90

SIGNAL CABLES

FE-R cable ladder with a 60 mm height, 300 mm rung span

Mounted to a ceiling with DIN976 threaded rods and P41 channel



BasorTrav *FE*

BASOR ELECTRIC S.A. certifies that:

The system RF73.05 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF73.05 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	20 kg/m
Height:	60 mm
Width:	100..400 mm
Finishes:	HDG

LIST OF MATERIALS AT EACH TRAY

BasorTRAV FE-R 400x60 p300	3 m
Set B2 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

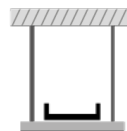
Channel P41 41x41x1.5mm	1 u
Threaded Rod DIN976 M8	2 u
Hold Down Clamp BFE 10	2 u
<u>OPTIONAL</u>	
Accessory 4182CV	2 u
Nut DIN6923 M8	4 u

FASTENERS

Bolt DIN933 M10x30	2 u
Washer DIN125 M10	2 u
Spring nut TM41 M10	2 u
Nut DIN6923 M8	4 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NURE	E90; P90
BITNER Sp. z o.o.	4x50 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NURE	E60; P60
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS(Si) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NURE	E90; P90



E90

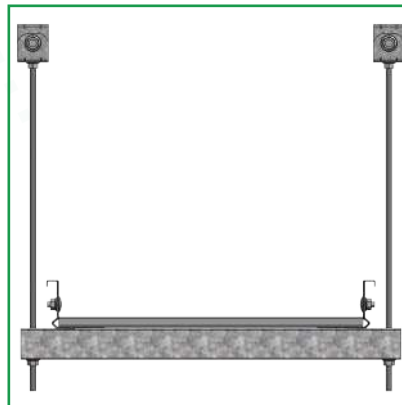
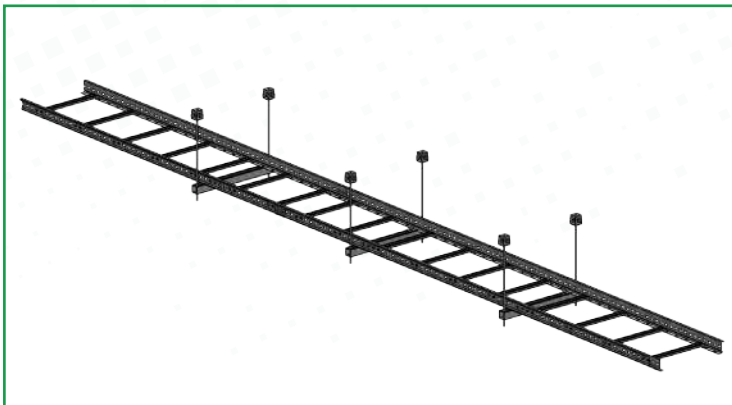
POWER CABLES

E90

SIGNAL CABLES

FER cable ladder with a 60 mm height, 300 mm rung span

Mounted to a ceiling with DIN976 threaded rods and P41 channel



BasorTrav **FER**

BASOR ELECTRIC S.A. certifies that:

The system RF74.05 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF74.05 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	20 kg/m
Height:	60 mm
Width:	100..400 mm
Finishes:	PG

LIST OF MATERIALS AT EACH TRAY

BasorTRAV FER 400x60 p300	3 m
Set B2 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

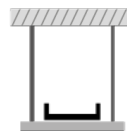
Channel P41 41x41x1.5mm	1 u
Threaded Rod DIN976 M8	2 u
Hold Down Clamp BFE 10	2 u
<u>OPTIONAL</u>	
Accessory 4182CV	2 u
Nut DIN6923 M8	4 u

FASTENERS

Bolt DIN933 M10x30	2 u
Washer DIN125 M10	2 u
Spring nut TM41 M10	2 u
Nut DIN6923 M8	4 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x50 mm ²	NHXH-J 4x1,5 RE FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NURE	E90; P90
BITNER Sp. z o.o.	4x1,5 mm ² - 4x50 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS(Si) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NURE	E90; P90



E60

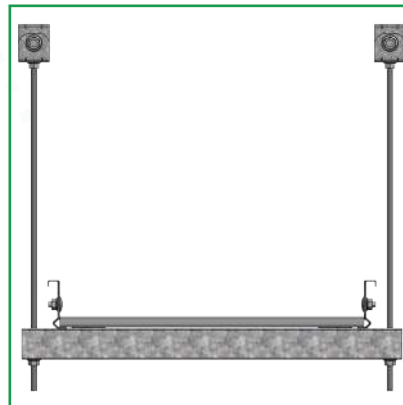
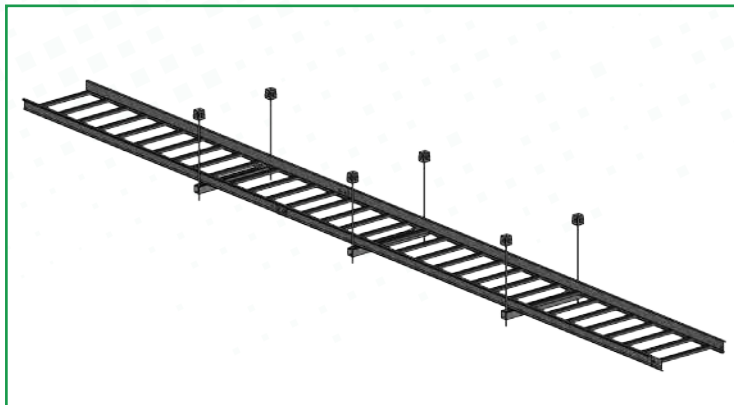
POWER CABLES

E90

SIGNAL CABLES

FE-R cable ladder with a 60 mm height, 150 mm rung span

Mounted to a ceiling with DIN976 threaded rods and P41 channel



BasorTrav *FE*

BASOR ELECTRIC S.A. certifies that:

The system RF75.05 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

The system RF75.05 from BASOR ELECTRIC has been tested as a cable management system for electrical maintenance functions according to the standards listed below, keeping the integrity until the end of the test being approved as a system E30, E60, E90.

CLASSIFICATION ON FIRE RESISTANCE ACCORDING TO:

DIN4102-12; STN92 0205; CSN73 0895

TECHNICAL PARAMETERS ALLOWED IN THE SYSTEM

Distance between supports:	1,2 m
Maximum load:	20 kg/m
Height:	60 mm
Width:	100..400 mm
Finishes:	HDG

LIST OF MATERIALS AT EACH TRAY

BasorTRAV FE-R 400x60 p150	3 m
Set B2 bolt and nut	4 u

LIST OF MATERIALS AT EACH SUPPORT

Channel P41 41x41x1.5mm	1 u
Threaded Rod DIN976 M8	2 u
Hold Down Clamp BFE 10	2 u
<u>OPTIONAL</u>	
Accessory 4182CV	2 u
Nut DIN6923 M8	4 u

FASTENERS

Bolt DIN933 M10x30	2 u
Washer DIN125 M10	2 u
Spring nut TM41 M10	2 u
Nut DIN6923 M8	4 u

CABLES USED FOR THE TESTS

MANUFACTURER	SECTION	CABLE REFERENCE	TYPE	TEST REPORT	RESULT
BITNER Sp. z o.o.	4x1,5 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NURE	E90; P90
BITNER Sp. z o.o.	4x50 mm ²	NHXCH-J 4x1,5 RE/1,5 FE180/PH120/E90 MICA 0,6/1 kV	Power	FIRES-JR-003-26-NURE	E60; P60
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NURE	E90; P90
BITNER Sp. z o.o.	1x2x0,8 mm ²	Bitflame® AS(Si) FE180/PH120/E90 1x2x0,8 mm 225V	Signal	FIRES-JR-003-26-NURE	E90; P90